



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
Name of the head of the Institution		Dr S N V GANESH
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08922245077
Mobile no.		8978402146
Registered Email		principal@aietta.ac.in
Alternate Email		principal_q7@rediffmail.com
Address		Avanthi Institute of Engineering and Technology, Cherukupally(V), Near Tagarapuvalasa Bridge, Bhogapuram(M), Vizianagaram Dist. Andhra Pradesh.
City/Town		Vizianagaram
State/UT		Andhra Pradesh

Pincode	531162																		
2. Institutional Status																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	private																		
Name of the IQAC co-ordinator/Director	Mr Y RAMESH KUMAR																		
Phone no/Alternate Phone no.	08922245077																		
Mobile no.	9704755529																		
Registered Email	yrameshkumar123@gmail.com																		
Alternate Email	rameshkumar123y@gmail.com																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	http://aietta.ac.in/iqac/aqar-2018-19-avanthi.pdf																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.aietta.ac.in/college_academic_calender2018-19.pdf																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B++</td> <td>3.0</td> <td>2018</td> <td>26-Sep-2018</td> <td>25-Sep-2023</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B++	3.0	2018	26-Sep-2018	25-Sep-2023
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	B++	3.0	2018	26-Sep-2018	25-Sep-2023														
6. Date of Establishment of IQAC	01-Jun-2018																		
7. Internal Quality Assurance System																			
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by	Date & Duration		Number of participants/ beneficiaries																

IQAC		
Regular meeting of IQAC is arranged.	04-Jun-2018 01	21
Regular meeting of IQAC is arranged	10-Oct-2018 01	18
Regular meeting of IQAC is arranged	12-Dec-2018 01	17
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institute	PMKVY	AICTE	2018 01	204590.5
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

2

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)

The Internal Quality Assurance Cell (IQAC) of the Avanthi Institute of Engineering and Technology plays a significant role in bringing about a quality work culture in the institution by ensuring clarity and focus in institutional functioning. It has also ensured enhancement and coordination among various activities of the institution and has institutionalized good practices like conducting National workshops and international world quality day events.

Internal Quality Assurance Cell ensures the quality of the teaching and learning process and its outcome through internal and external audits conducted at regular intervals

Internal Quality Assurance Cell has taken efforts to improve the quality of teaching by involving students and faculty in NPTEL lectures

It also monitored and ensured the quality of student's activities, departmental activities, and staff members for periodic assessment for the timely, efficient, and progressive performance of an academic task with the placement process in the institute

Finally, IQAC strengthened Teaching and Learning process, empowerment, CRT Process, and Improvement in Placements

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
A common and specific format may be designed to collect the feedback from different stake holders associated with the institution.	Measures are taken and framed a common format to acquire the feedback from the students, parents and Alumini
Sending important notifications to all stakeholders of the college through SMS. Important notifications are also displayed at different locations of both the campus and also through digital display. Better intimation of notifications to all teaching, non teaching staff of the college and the students.	Daily SMS Sent to parents on absentee. Important and urgent circulars
Diagnose the weak area of the students by the Departments and provide Remedial classes.	Students are able to clear backlogs.
To offer Value added courses	certification programs are conducted on latest technologies for the benefit of the students
To Improve Co Curricular Activities	Workshops, seminars, industrial visits, soft skills development programmes, communication skill development programmes are organised regularly
Submission of research proposal to external funding agencies.	Four Research proposals submitted
Monitor Teaching Learning process	Continuing the practice of conducting Academic Audits at the middle and end of the every semester.
Conducting Faculty Development Programs on Emerging technologies.	Faculty development Programs are organised
Extent of financial support to the faculty members	Faculty members are provided with financial support to attend FDPs, Workshops, Conferences, Certifications

programs, Publications etc.,

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body

Meeting Date

Governing Body

15-Jun-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

Yes

Date of Visit

24-Aug-2018

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

01-Feb-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)

1. Admission module Academics module Examination module Attendance module: Feedback module: Human resource Management module: Certificates module: Placement module ID cards module Fee payment module Pay rolls module, Student and faculty login module 2. The IQAC formulated a quality management system for teaching and learning on campus. The process includes the scheduling of orientation courses, and bridge course, preparation of timetables with student seminars, preparation, and submission of teaching plans, filling of activity diary, the conduct of extra circular activities, guidelines of mentoring, and formation of learning teams. The IQAC also prepared a structured questionnaire for collecting feedback from students. IQAC also collected self appraisals from faculty and department appraisals periodically. The periodic reports submitted by IQAC to the top management and the review meetings conducted periodically helped the organization significantly to monitor the progress

and to initiate measures for quality enhancement.

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

An effective curriculum delivery process is in place in the organization as per the road map to facilitate the students for academic excellence and to get placements or to pursue higher studies. 1. Courses of the curriculum are allotted to faculty based on their field of expertise and interest well before the start of the semester by the Head of the Department. 2. Before the semester could start, Department academic committee meeting is conducted by the committee chairperson with other subject-handling faculty. 3. The university provides the syllabus with evaluation schemes and course objectives for every course. 4. The prerequisite, course outcomes, program outcome mapping, books to be referred to, and methods of instructional delivery are documented and the Head of the Department approves this road map. 5. Course handling faculty will frame the lesson plan of delivery and prepare the lecture notes for all topics as in the curriculum and devise the assignment topics and tutorial problems which will be approved by the department academic committee chairperson, Head of the department, and Principal before the commencement of the semester. 6. In addition to traditional teaching methods, video lectures, NPTEL lectures, PowerPoint presentations, projects, case studies, etc. are being conducted. 7. Interactive learning is appreciated during the lecture classes and peer teaching is adopted by the students for improvement in the teaching-learning process. 8. Invited lectures, Guest lectures, seminars, workshops, FDP, and Conferences are planned as per the Academic Calendar. 9. Students' feedback about the portion coverage as per the lesson plan and suggestions for improving teaching and learning processes before and after each internal assessment test are addressed by the course handling faculty and Head of the Department in the Department meeting. ii 10. The performance of the students in laboratory experiments is timely assessed and graded according to their performance. 11. Depending on the evaluation scheme, two Internal Exams (both Objective and Descriptive) for 50% and 100% syllabus are conducted per semester taking into consideration the COs defined for each course to evaluate the students. Guest lectures and seminars by academicians from reputed institutions and industries are arranged to impart valuable knowledge to students. 12. Industrial visits are arranged to have industry exposure related to the curriculum. To facilitate the active participation of students in the learning process, activity-based learning activities are conducted by the students (Quiz, objective type questions etc.). This activity really creates the interest of students in demonstrating the technical knowledge content that is learned in the content delivery process. 13. The assessment of the course is done by assignments, two internal tests, and a model exam. In order to bridge the gap in the curriculum, workshops, and value-added courses are conducted on a regular basis on current topics as per the choice of students to enhance their technical skills. 14. In laboratory courses, the objectives and outcomes of the laboratory are discussed in the first session and the hands-on session of all the experiments is facilitated by the course-handling faculty. In addition

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene	Skill Development
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STAD PRO	Civil Engineering	16/07/2018	6	YES	YES
RSGIS	Civil Engineering	25/09/2018	6	YES	YES
AUTO CAD	Civil Engineering	28/01/2019	7	YES	YES
TOTAL STATION	Civil EngineeringL	04/02/2019	7	YES	YES
PLC SCADA	Electrical and Electronics Engineering	17/07/2018	7	YES	YES
SMART GRID	Electrical and Electronics Engineering	17/07/2018	7	YES	YES
PCB DESIGN	Electrical and Electronics Engineering	04/12/2018	7	YES	YES
MATLAB	Electrical and Electronics Engineering	07/12/2018	7	YES	YES
MATLAB	Electrical and Electronics Engineering	29/10/2018	7	YES	YES
DASSUALT	Mechanical Engineering	06/08/2018	15	YES	YES
ANSYS	Mechanical Engineering	16/08/2018	6	YES	YES
NDT	Mechanical Engineering	06/12/2018	6	YES	YES
CFD	Mechanical Engineering	29/10/2018	6	YES	YES
PLC/SCADA/DCS	Mechanical Engineering	14/08/2018	6	YES	YES
TANNER TOOLS	Electronics and Communication Engineering	02/09/2018	6	YES	YES
COMPUTER NETWORKING SECURITY	Electronics and Communication Engineering	28/08/2018	6	YES	YES
MENTOR GRAPHICS	Electronics	14/08/2018	4	YES	YES

	and Communication Engineering				
ANDROID	Computer Science and Engineering	03/08/2018	10	YES	YES
PYTHON PROGRAMMING	Computer Science and Engineering	05/07/2018	10	YES	YES
BIG DATA	Computer Science and Engineering	10/09/2018	10	YES	YES
BIG DATA	Computer Science and Engineering	22/10/2018	9	YES	YES
TALLY ERP 9.0	MBA	06/08/2018	4	YES	NO
R IC	Mechanical Engineering	04/02/2019	6	YES	YES

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Renewable energy sources	11/06/2018
BTech	Signals and Systems	11/06/2018
BTech	Pulse and Digital Circuits	11/06/2018
BTech	Power Electronic Controllers & Drives	19/11/2018
BTech	Data Structures	19/11/2018
BTech	Unix and Shell Programming	19/11/2018
BTech	VLSI Design	19/11/2018
BTech	ROBOTICS	19/11/2018
BTech	NEURAL NETWORK & FUZZY LOGIC	19/11/2018
BTech	ENERGY AUDIT AND CONSERVATION & MANAGEMENT	19/11/2018

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

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	CSE	01/06/2018
BTech	ECE	01/06/2018
BTech	EEE	01/06/2018

BTech	Mechanical	01/06/2018
BTech	Civil	01/06/2018
Mtech	CSE,PE, VLSI,PS, CAD CAM	01/06/2018
MBA	MBA	01/06/2018

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

	Certificate	Diploma Course
Number of Students	1076	0

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
ENGLISH COMMUNICATION SKILLS LAB I	11/06/2018	235
ENGLISH COMMUNICATION SKILLS LAB II	05/11/2018	235
IPR AND PATENTS	11/06/2018	422
Professional Ethics Human Values	19/11/2018	422
CRT	11/06/2018	843
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	ECE	36
BTech	CSE	44
MBA	MBA	81
BTech	EEE	36
BTech	CIVIL	40
BTech	MECH	163
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
Feedback is a vital part of communication in any institution. Mainly, the

Institution of Avanthi Institute of Engineering and Technology (AIET) collects regular feedback from stakeholders such as the students, alumni, faculty, employers and parents. 1. Students' Feedback taken on the curriculum of AIET be used to improve the course design. 2. Faculty Feedback, taken on various aspects of the curriculum such as the provision of adequate time resources for framing the syllabus, coverage of both theoretical and practical components in the syllabus, the coherence of the syllabus with Course Outcomes, Program Outcomes and involvement of the field experts while designing Feedback analysis report. 3. Alumni's Feedback contribution to the activities of the Institution is substantial, especially in the development of the curriculum and different aspects. This feedback is taken during the alumni meet held every year. It is also taken whenever alumni visit the college. 4. Employers are our major stakeholders, Their feedback gives us input to enhancing the employability of our students. 5. Parents' Feedback is taken on various aspects such as infrastructure, facilities and curriculum for the development of the institution. Feedback Analysis Report: • The analysis of students' feedback depicts that they are well satisfied with the development and revision. • The students highly appreciated the academic infrastructural facilities such as the library, laboratories, and playground facilities. • The feedback of teachers revealed the validity and adequacy of the syllabus. Also, it helps reframe the course content according to societal needs. • Alumni feedback analysis report reveals that the majority of the alumni are proud to be a part of this institution and they agreed that they will recommend their friends and relatives to enrol in this institution. They appreciated the academic initiatives taken by the Institution to restructure and update the curriculum as per the current needs. And also calculating PO attainment in this survey. • The employers are happy with the students of our institute and their performance as "Good" and "Satisfactory". The employers like to employ more students from our institute. • They suggested the need for more practical labs for coding algorithms and design patterns. • The feedback analysis reports from the parents depict their satisfaction with the curricular and non-curricular activities rendered by the Institution. • From the analysis it is evident that the parents believe that their wards develop good soft skills and ethical values during their course of study. Collected data has been analyzed and the report was discussed in an IQAC for further action..

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
Mtech	CSE	36	15	15
MBA	MBA	120	96	96
BTech	CIVIL	60	16	16
BTech	EEE	60	26	25
BTech	MECH	180	62	60
BTech	ECE	120	48	48
BTech	CSE	180	116	113
Mtech	PS	18	11	11
Mtech	PE	18	7	7
Mtech	VLSID	18	8	8
Mtech	CAD CAM	18	16	16

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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	2373	199	155	13	168

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
168	123	44	44	5	6

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

[View File of E-resources and techniques used](#)

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

The Institution has an examination Cell to conduct Internal and External theory and practical examinations. It collects three sets of question papers for all Mid examinations at the beginning of the class work instruction for the semester/s. The examination cell prepares the question papers by choosing the questions from the given sets just before the commencement of examinations and conducts the examination with the jumbling process in time and efficiently. The examination system adopted at Avanthi Institute of Engineering and Technology has never given rise to any grievances from any stakeholders. However, if any grievances arise, immediately the cell will rectify the problem transparently. Carrying mobile phones or any reading material by the invigilator is strictly prohibited. The invigilator is expected to be vigilant and take frequent rounds in the exam hall. The invigilators should not chit-chat with each other as it will distract the students concentration in writing the Examination. Only teaching staff are to be drafted as invigilators. Subject teachers should not be posted as invigilators in the examination halls where the students are writing/ the examination in that subject. After entering the exam Hall, invigilators are required to check for the seating arrangement and see that the fans and lights are switched on and the windows opened. The students are allowed into the exam hall after properly verifying the Hall Ticket and ID card of the student and reporting to the exam cell in charge in case of any discrepancy. The Examiner/ the subject teacher has to collect the Answer scripts on the same day of the Examination for the mid-examination. Submit the evaluated scripts after completing the necessary formalities (like obtaining signatures by the student on the scripts and mapping of CO-PO Calculations etc..) before the deadline stipulated by the examination cell from time to time.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2572	168	1:15

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
153	168	0	22	22

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 A Chandra Sekhar	Professor	Best Faculty award
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	UG	1/1 Semseter	30/11/2018	07/01/2019
BTech	UG	2/1 Semester	08/11/2018	26/12/2018
BTech	UG	3/1 Semester	09/11/2018	15/12/2018
BTech	UG	4/1 Semester	08/11/2018	03/12/2018
BTech	UG	1/2 Semester	21/05/2019	06/07/2019
Mtech	PG	1/1 Semester	30/01/2019	03/05/2019
MBA	PG	1/1 Semeter	09/01/2019	25/03/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

1. Conduct two midterm examinations and one semester-end examination as per the JNTU Kakinada Calendar 2. The two midterm examinations are conducted by the concerned department and the paper is set by the internal faculty. The evaluation is done by the concerned subject teacher. As per R16 Evaluation - the Distribution and Weightage of Marks are as follows. B.Tech. Theory: 100 Marks Internal: 25 Marks (Descriptive 10 Online 10 Assignment 5) for both Mid I Mid II Final Internal Marks (Best Mid marks 0.8 Other Mid marks 0.2) External: 75 Marks Practical: 50 Marks Internal: 20 Marks (Day to Day - 5 M Record -5M Internal Test - 10 M) External: 30 Marks M.Tech. Theory: 100 Marks Internal: 25 Marks for both Mid I Mid II Final Internal Marks Average of marks secured in two mid examinations External: 75 Marks Practical: 100 Marks Internal: 25 Marks (Day to Day - 5 M Record -5M Internal Test - 15M) External: 75 Marks MBA Theory: 100 Marks Internal: 25 Marks [Seminar 10 Marks (5 marks Report 5 Marks Presentation) 15 Marks Mid Term Exam] for both Mid I Mid II Final Internal Marks Average of marks secured in two mid examinations External: 75 Marks Practical: 50 Marks Internal: 20 Marks (Day to Day - 5 M Record -5M Internal Test - 10M) External: 30 Marks 3. For mid-examination, the question bank is prepared by the concerned subject faculty member with 30 questions and the same is used for the paper setting. 4. The mid-examination results are published immediately after the examination. 5. The semester-end examinations are conducted by Controller of examinations of the University. The University has been adopting a grading system for all courses. 6. The double valuation system is adopted for all PG Courses as directed by JNTUK. 7. There is a provision for the recounting, revaluation, and challenged revaluation of the answer script after the publication of results by the University.

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

Academic plans for the academic year 2018-2019 here with Attached in the annexure. 1) JNTUK Academic Calendars JNTUK affiliating University has released the academic plan for every year including instructional period and examination schedules for both odd and even semesters. 2) IQAC Academic Plan Institute Internal Quality assurance cell has prepared the academic plan at the start of the academic year 2018-2019 based on the curriculum. It includes Co and Extracurricular activities related to the latest and updated information to improve the quality of the semester break and other leisure periods. Those comprise communication skills, soft skills, and technical skills from the first year onwards. 3) Institutional Academic calendar At the beginning of the academic year, the Institutional academic calendar has been prepared by using the JNTUK academic calendar and IQAC academic plan by adding the extension activities without any correlation and disturbances to the Academic plans of the academic year 2018-2019. It is herewith Attached in the annexure.

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)

<http://aietta.ac.in/ece.php>

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
01	BTech	Civil	47	41	87.23
02	BTech	EEE	43	40	93.02
03	BTech	MECH	163	151	92.64
04	BTech	ECE	109	94	86.24
05	BTech	CSE	143	134	93.71
56	Mtech	PS	11	3	27.27
43	Mtech	PE	2	1	50
72	Mtech	VLSI	7	3	42.86
04	Mtech	CADCAM	14	11	78.57
58	Mtech	CSE	10	6	60
00	MBA	MBA	84	38	45.2

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2.7 – Student Satisfaction Survey

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

http://www.aietta.ac.in/student_feed.php

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

Industry sponsored Projects	90	Equipments Spares Engineering Pvt.Ltd.	0.5	0.5
Industry sponsored Projects	90	Benchmark	0.4	0.4
Industry sponsored Projects	90	Hobbypep	0.3	0.3
Interdisciplinary Projects	90	Electronic Systems and Services	0.6	0.6
Industry sponsored Projects	90	Sakrobotix lab	0.2	0.2
Industry sponsored Projects	90	Teckteam solutions	0.15	0.15
Industry sponsored Projects	90	Millennium solutions	0.18	0.18
Interdisciplinary Projects	90	Matchwell technologies	0.15	0.15
Industry sponsored Projects	90	Mitra Estates	0.16	0.16
Industry sponsored Projects	90	Matchwell technologies	0.2	0.2
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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
INTELLECTUAL PROPERTY RIGHTSS	ECE,CSE,EEE	18/02/2019
ENTREPRENEURSHIP DEVELOPMENT	MECH, CIVIL, MBA	13/12/2018
INTELLECTUAL PROPERTY RIGHTS	MECH , CIVIL, MBA	15/02/2019
ENTREPRENEURSHIP DEVELOPMENT	ECE ,CSE ,EEE	13/12/2018

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
Best teacher award	Mrs. N Harini	AIET	05/09/2018	CSE
Best teacher	Mr Ch Kodanda	AIET	05/09/2018	CSE

award	Ram			
Best Teacher Award	Mr. V Murali Krishna	AIET	05/09/2018	CSE
Best Teacher Award	Mr.V.Sudhakar	AIET	05/09/2018	EEE
Best Teacher Award	Mr.D.Dhana Prasad	AIET	05/09/2018	EEE
Best Teacher Award	Mrs. M.Himangeswari	AIET	05/09/2018	CIVIL
Best teacher award	Mrs. K.Gayatri kiran	AIET	05/09/2018	CIVIL
Best teacher award	Mr. G.ParthaSardhi	AIET	05/09/2018	CIVIL
Best teacher award	Mr. B.Teena Ratna Prasuna	AIET	05/09/2018	ECE
Best teacher award	Mr.K Avinash Kumar	AIET	05/09/2018	ECE
Best teacher award	Mrs. K Syamala	AIET	05/09/2018	ECE
Best Teacher Award	Ms. M L Sramika	AIET	05/09/2018	MECH
Best Teacher Award	Mr. SK Sharif	AIET	05/09/2018	MECH
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
DASSAULTS LAB	DASSAULTS	APSSDC	DASSAULTS LAB	DESIGN	03/10/2018
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
Not Applicable	0

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	EEE	1	7.9
International	MBA	3	6.3
International	CSE	8	8.11

International	ECE	4	0.13
International	MECH	5	3.55
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
Mechanical	1
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
Performance Evaluation of Fine Grained and Secure Data Sharing method of E health records on a Real time cloud server.	V Murali Krishna	IJRAR	2018	0	AIET	0
Mechanical Behaviour and Analysis of Okra and Pineapple Reinforced Composite Materials	Ramu Garugubilli	IJET	2019	0	AIET	0
Mechanical Behaviour and Analysis of Okra and Pineapple Reinforced Composite Materials	V . Pradeep Kumar	IJET	2019	0	AIET	0
Fuzzy Based	V.Sudhakar	JETIR	2019	0	AIET	0

Model Predictive Load Frequency Control of MultiArea Power System						
FDI FII role in the economic growth in the country	J Sowmya	IJBMAS	2018	0	AIET	0
Casual relationship between gold price census	J Sowmya	IJMTE	2018	0	AIET	0
Markets , advertisement publicity (MAP) Creates utility as services or products (USP)	E Devasree Rao	IJMTE	2018	0	AIET	0
Performance Analysis of an Energy Efficient level shifter using Mtcmos Technology	Mrs. B. Teena Ratna Prasunna	IJAST	2019	0	AIET	0
Implementation of Low Power Successive Approximation Register Analog to Digital Converter	Mr. P. Santosh Kumar	IJAST	2019	0	AIET	0
Performance comparison of Full Adders	Mrs. S. Santhoshi Bhavani	IJAST	2019	0	AIET	0

Design in different Nanometer scaling Technologies						
Johnson Counter using optimized Master slave DFlipflop	Mr. K. Avinash Kumar	IJAST	2019	0	AIET	0
Fuzzy Based Model Predictive Load Frequency Control of MultiArea Power System	D.Dhana Prasad	JETIR	2019	0	AIET	0
Fuzzy Based Model Predictive Load Frequency Control of MultiArea Power System	B.AnandS waroop	JETIR	2019	0	AIET	0
Survey on Prediction of health diseases using classification techniques	N Harini	IJIRSET	2018	0	AIET	0
Survey on Prediction of health diseases using classification techniques	Ch Kavita	IJIRSET	2018	0	AIET	0
Analysis of various Data Mining Techniques: A Survey	K S Rupa	IJIRSET	2018	0	AIET	0
An Exper	G RAMU	Trans	2018	0	AIET	0

imental Study on Mechanical Behaviour of Pulsed Current Welding on Aluminum Alloy Joints		Tech Publications Ltd. ,				
An Experimental Study on Mechanical Behaviour of Pulsed Current Welding on Aluminum Alloy Joints	M. Lakshmi Sramika	Trans Tech Publications Ltd. ,	2018	0	AIET	0
An Experimental Study on Mechanical Behaviour of Pulsed Current Welding on Aluminum Alloy Joints	V . Pradeep Kumar	Trans Tech Publications Ltd. ,	2018	0	AIET	0
Lvague semirings on l semiring	B Najeswar rao	IJMTT	2018	0	AIET	0
Homomort hisim of LVague semirings of L semiring	B Najeswar rao	IJSET	2018	0	AIET	0
lvague normal semiring of l semirings	B Najeswar rao	IJSET	2018	0	AIET	0
WEAK RELATIVE COMPLEMENTS IN ALMOST 5 DISTRIBUTIVE LATTICES	G JOGA RAO	DMGAA	2018	0	AIET	0

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
0	00	0	Nil	0	0	0
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	4	57	0	0
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
YOGA DAY	NSS	20	220
INDEPENDENCE DAY	NSS	68	200
TEACHERS DAY	NSS	74	990
VANAM MANAM	NSS	20	250
FOUNDATION DAY	NSS	5	70
GANDHI JAYANTHI	NSS	5	64
NON VIOLENCE DAY	NSS	5	72
OLD AGE HOME	NSS	6	20
VOTERS DAY	NSS	5	68
ENGINEERS DAY	NSS	81	1200
REPUBLIC DAY	NSS	72	230
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
Distribution of Blankets to Oldage Home and Plantation	Appreciation	Lions Club, Bheemili, Centennial	20
Blood Donation Camp	Appreciation	Indian Red Cross Society	360
4Stroke S.I Engine Monowheel Vehicle	GOLD MEDAL	Jana Vignana Vedika AU	5
Awareness Program on Plantation and	Appreciation	Government Z.P. High School,	150

Open defecation in India		Chittivalasa	
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
Outreach activity	AIET	SWACH BHARATH	5	150
Outreach Activity	AIET	SERVICE TO PUBLIC DURING GIRI PRADHARSANA	5	75
Outreach Activity	AIET	WORLD ENVIRONMENTAL DAY	5	70
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
Research	Mr.JUTHIGA JAGADISH	AIET	60
Research	MISS. LAXHMI SRAMIKA	AIET	60
Research	Mr.A ARJUN RAO	AIET	60
Research	Mr.M RAGHAVARAO	AIET	60
Research	Mr.PULLI SURESH KUMAR	AIET	65
Research	Dr.B Najeswar rao	AIET	65
Research	Dr.G JOGA RAO	AIET	70
Research	Dr.B Najeswar rao	AIET	30
Project/ Internship	AMPILLI RAJU	AIET	30
Project/ Internship	ATTHILI JAYASREE	AIET	30
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

Field Trip	Field Trip	TLSS divison 220KV Substation AP Transco Gajuwaka ,Vskp	08/02/2019	08/02/2019	56
Field Trip	Field Trip	TLSS divison 220KV Substation AP Transco Pendurthi ,Vskp	18/02/2019	18/02/2019	44
Field Trip	Field Trip	10 MW Solar Power Plant,Vskp	01/03/2019	01/03/2019	56
Field Trip	Field Trip	10 MW Solar Power Plant,Vskp	04/03/2019	04/03/2019	44
Field Trip	Field Trip	TLSS divison 220KV Substation AP Transco KALAPAKA Parvada ,Vskp	12/02/2019	12/02/2019	49
Field Trip	Field Trip	NTPC power corp. Parvada, Vskp	12/09/2018	12/09/2018	44
Expert lecture	Electrical Operation and Maintenance in Industries	Mr.Srinivas Rao DGM,NMDC ,Jagadapur	07/03/2018	07/03/2018	85
Expert lecture	Power semi conductor drives and Control	Mr.K.Siva Kumar AssocP rof,Dept of EEE IIT Hyderabad	29/12/2018	29/12/2018	135
Internship	Electrical Operations in Thermal Power Plant	NTPC, Regional Learning Institute, Vskp	18/06/2018	29/06/2018	7
Internship	Substation operation Maintenance	AP Transco GajuwakaSubs tation,Vskp	29/04/2019	08/05/2019	10
Internship	Operation in Hydel	Hydel Power Plant,	22/04/2019	04/05/2019	7

	Power Plant	Seeleru			
Internship	Substation operation Maintenance	APEPDCL, Simhachalam Substation, VSkp	05/11/2018	13/11/2018	50
Field Trip	Field Trip	NTPC, Visakhapatnam	10/09/2018	14/09/2018	146
Field Trip	Field Trip	HPCL , Visakhapatnam	18/02/2019	20/02/2019	140
Field Trip	Field Trip	APSRTC Zonal Workshop , Vizianagaram	17/12/2018	22/12/2018	131
Field Trip	Field Trip	Hindustan Shipyard Ltd	11/08/2018	25/08/2018	166
Field Trip	Field Trip	FACOR Alloys Pvt Ltd, Vizianagaram	10/12/2018	12/12/2018	154
Field Trip	Field Trip	Hobel Bellows Co , Visakhapatnam	25/02/2019	27/02/2019	156
Internship	Study of Blast Furnace Area	Vizag Steel Plant , Visakhapatnam	16/07/2018	27/07/2019	10
Internship	Study of Coke Oven Plant	Vizag Steel Plant , Visakhapatnam	09/07/2018	21/07/2018	10
Internship	Study of WRM Plant	Vizag Steel Plant , Visakhapatnam	09/07/2018	21/07/2018	10
Internship	Study on Petroleum Processing Plant	Hindustan Petroleum Corporation Ltd , Visakhapatnam	15/06/2018	30/06/2018	20
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
ABACUS INFRA	18/03/2019	Employment	30
ENGINEERING HUB	18/06/2018	GATE COURSE	75
BABA INSPECTION TECHNICAL SERVICES PVT. LTD	03/09/2018	NDT TRAINING WORKSHOPS	140

MATCHWELL TECHNOLOGY SOLUTIONS	25/07/2018	MATLAB PCB DESIGNING PLC SCADA	139
TECHNOSOFT SOLUTIONS	26/07/2018	SMART GRID MATLAB	62
Shriram Value	05/12/2018	Employment	30
BENCHMARK ENGINEERING SOLUTIONS	10/09/2018	TRAINING ON PROE AND ANSYS	135
V Mould Centre of Excellence	20/07/2018	CNC Training Workshops	140
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
106	105

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	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 partially)	Version	Year of automation
SOUL2.0	Fully	2.0	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	34405	6489241	809	314884	35214	6804125
	6780	1232141	75	48725	6855	1280866

Reference Books						
e-Books	2821	13570	712	13570	3533	27140
Journals	281	902669	86	248895	367	1151564
e-Journals	15250	95070	3661	95070	18911	190140
CD & Video	1389	336583	46	8962	1435	345545
Weeding (hard & soft)	74	13073	132	27460	206	40533
Digital Database	25	750000	0	0	25	750000
Library Automation	2	210808	1	4000	3	214808
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 G R S Murthy	Color Model	LMS	10/09/2018
Y Ramesh Kumar	Python OOPs and TKinter Packages	LMS	28/08/2018
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	480	6	480	1	1	2	6	64	0
Added	60	0	60	0	0	0	0	0	0
Total	540	6	540	1	1	2	6	64	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

64 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
ASDC	http://www.aietta.ac.in/facilities.php

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
246	245	142	141

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)

The college has sufficient auditorium having adequate infrastructure like ICT class rooms and central library. The college has adequate number of computers with internet connections and the utility software distributed in different locales like office, laboratories, library, departments etc. The Central Library has developed with an excellent collection of books, journals and nonbook materials in Engineering, technology, humanities and management. It maintains separate collection of Reference Books, Bound volumes of journals, Technical Reports and Theses. Our Central Library is spacious and fully automated that it can accommodate 150 users at a time and the data base is managed by Engineering College Automation. The library is using OPAC (Online Public Access Catalogue), wherein the users can search the Library Online Catalogue by Authors name, title, subject, and keywords available on the campus LAN. A separate wing is provided for competitive exam books.

<http://www.aietta.ac.in/facilities.php>

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	AVANTHI SCHOLARSHIP	281	3276500
Financial Support from Other Sources			
a) National	Ap Govt Fees Reembreshment	1367	48421000
b) International	0	0	0

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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 enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Guidance for competitive examinations	02/07/2018	908	AVANTHI INSTITUTE OF ENGG AND TECH
Career Counseling	25/07/2018	908	COIGN
Soft skill development	05/07/2018	908	COIGN
Remedial classes	27/08/2018	542	AVANTHI INSTITUTE OF ENGG AND TECH
Language lab	13/08/2018	263	AVANTHI INSTITUTE OF ENGG AND TECH

Bridge course	16/07/2018	102	AVANTHI INSTITUTE OF ENGG AND TECH
Yoga and meditation	10/09/2018	350	RISHI SAMSKRUTI VIDYA KENDRA
PERSONAL COUNSELLING	27/08/2018	456	AVANTHI INSTITUTE OF ENGG AND TECH

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	CRT	523	523	19	356

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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
6	6	2

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
23	420	333	7	130	23

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	B Tech	EEE	VIGNAN INSTITUTE OF ENGG.. FOR WOMEN, DUVVADA	MBA
2019	1	B Tech	Mech	AVANTHI INSTITUTE OF ENGINEERING TECHNOLOGY, VIZINAGARAM	M.Tech
2019	1	B Tech	Mech	UNIVERSITY COLLEGE OF ENGINEERING,	M.Tech

				KAKINADA (AUTONOMOUS)	
2019	1	B Tech	MECH	ANDHRA UNIVERSITY	MBA
2019	1	B Tech	ECE	ICFAI BUSINESS SCHOOL, PUNE	MBA
2019	1	B Tech	ECE	MIRACLE EDUCATIONAL SOCIETY GROUP OF INSTITUTIONS	M.Tech
2019	1	B Tech	ECE	UNIVERSITY OF HERTFORDS HIRE	MS
2019	1	B Tech	CSE	MIRACLE EDUCATIONAL SOCIETY GROUP OF INSTITUTIONS	M.TECH
2019	1	B Tech	CSE	GITAM UNIVERSITY	MBA
2019	1	B Tech	CSE	AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY, VIZINAGARAM	M.TECH
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GRE	2
TOFEL	1
CAT	1
Any Other	14
GMAT	1
View File	

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

Activity	Level	Number of Participants
Freshers Day Celebrations	Institute Level	270
AVANSIS 2K19	National Level	460
DAKSHITHA 2K18	National Level	330
TECHNIKA 2k19	National Level	346
Engineers Day Celebrations	Institute Level	95

EEE Day Celebrations	Institute Level	62
Induction Meet Celebrations	Institute Level	80
International Womens Day Celebrations	Institute Level	36
International Yoga Day	Institute Level	400
Avanathi Graduation Day Celebrations	Institute Level	146
Teachers Day Celebrations	Institute Level	80
Independence Day Celebrations	Institute Level	326
Republic day Celebrations	Institute Level	268
College Day Celebrations	Institute Level	463
CSE Day Celebrations	Institute Level	95
ECE Day Celebrations	Institute Level	76
Vidyuthotsav Day Celebrations	Institute Level	35
Mechanical Day Celebrations	Institute Level	134
Induction Meet For Management Celebrations	Institute Level	36
CIVIL Day Celebrations	Institute Level	46
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	First Prize	National	1	Nil	17Q71A0112	K Srinivasa Rao
2018	Third Prize	National	1	Nil	17Q71A0112	K Srinivasa Rao
View File						

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

The main role of student representatives in academic and administrative bodies is to gather views from their peers regarding various aspects of their course and to communicate those to staff members. This can be positive feedback on aspects which work as well as concerns about issues which are negatively affects the student experience. Student representatives will also be invited to comment on and provide input to proposed changes to procedures or structures,

in reaction to student surveys, external examiners reports, teaching programme reviews. They also report back to their classmates and they share information about any action that is decided as result of the discussion. Minutes of staff and student bodies will also be made available to all the students. The overall aim is to improve the learning experience for current as well as for future students. Training is provided to student representatives to help them in their role. Academic Administrative Bodies: Grievance Redressal Committee: The committee was formed to settle genuine grievances and to create a healthy relationship among the students in the campus. Few student representatives were identified in every department to find the grievances in their respective domains. The main role of student representatives in academic and administrative bodies is to gather views from their peers regarding various aspects of their course and to communicate those to staff members. This can be positive feedback on aspects which work as well as concerns about issues which are negatively affects the student experience. Student representatives will also be invited to comment on and provide input to proposed changes to procedures or structures, in reaction to student surveys, external examiners reports, teaching programme reviews. They also report back to their classmates and they share information about any action that is decided as result of the discussion. Minutes of staff and student bodies will also be made available to all the students. The overall aim is to improve the learning experience for current as well as for future students. Training is provided to student representatives to help them in their role. Academic Administrative Bodies: Grievance Redressal Committee: The committee was formed to settle genuine grievances and to create a healthy relationship among the students in the campus. Few student representatives were identified in every department to find the grievances in their respective domains. Training And Placement Cell: To assist students in their career planning and provides information that helps students to shape their future in a better way. The committee provides arrangement of industrial visits and placements to the students in their core subjects. Student members as the part of the committee request the management to get more core companies to the campus and also to provide more guidance through conducting seminars by professionals. Women Welfare/Sexual Harassment Eradication Committee: The main objective of Women Welfare Committee is to empower girl students and female faculty, to enhance understanding of issues related to women and to make the campus a safe place for girl students and female faculty.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The reputation of an Institute depends on the achievements of its Alumni. In recognition of this fact, AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY established Alumni Committee in 2011 which aims to foster interactions and strengthen the bond between Alumni and the Institute through activities, programs and services for a mutual relationship. The Alumni committee organizes interaction sessions and orientation programs on various topics to its members on a quarterly basis. Alumni committee is providing scholarships to the deserved candidates through funds. Our Motto is: • To organize Alumni meet and greet the alumnus every year • To develop healthy environment among its members through activities • To update the activities on a regular basis in the Alumni website of the Institute • To avail all the updated information in the website for the students • Maintaining and updating Alumni database • Updating various events in the website and social media to reach out to Alumni Association throughout the world • To organize activities in a better way to improve skills • To work out in a better way to reach their goals • To conduct seminars on "Alumni Talks" • To help out poor students through financial assistance The

management of Avanthi is even maintaining a committee to look into the activities in all aspects with relation to Alumni Association. A few experienced faculty from all branches was appointed as Incharges to maintain it in a better way. The committee is gathering at college premises twice in a year to discuss the issues which are likely to implement and also to strengthen the bond for a mutually beneficial relationship. On yearly basis, the committee is organizing interaction sessions to the current year students with exstudents to motivate them in all aspects by sharing their experience. The committee is working out to place AVANTHI'S Alumni on top position.

5.4.2 – No. of enrolled Alumni:

216

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

23500

5.4.4 – Meetings/activities organized by Alumni Association :

One Alumni Association meeting per year Executive body meetings - Two per year

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)

Vision To develop highly skilled professionals with ethics and human values.
 Mission 1. To impart quality education with industrial exposure and professional training. 2. To produce competent and highly knowledgeable engineers with a positive approach. 3. To self-confidence among students which is an imperative pre-requisite to face the challenges of life. Avanthi Institute of Engineering and Technology has implemented participation administration. There are three levels of administrative structures under which all the activities of the institute are carried out. 1) Society level - The institutes management is directed by Governing Body, whose members are appointed as per the guidelines provided by the AICTE, UGC. 2) Institute level - All the major decisions related to the institute are taken by the Principal in consultations with the Heads of departments and Nonstatutory Committees. The principal is the academic and administrative head of the Institute and the member secretary of the Governing Body. Some financial power is given to the principal for the institutions academic development process. 3) Department Level - The department Heads are responsible for looking at the departments day-to-day administration and reporting to the Principal. Departments have to maintain Department Advisory Committee, Department Academic Committee, Department Finance Committee, and Department Program Assessment Committee. Senior faculty, parents, employers, and Students also participate through different formal and informal feedback mechanisms. The organization immovably accepts that accomplishment of value is each representative of the same old thing and everybody in the establishment has a stake in contributing towards the accomplishment of greatness. Every employee at all levels has a chance to contribute his/her creative thoughts prompting improved procedures and consequently greater outcomes.

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	<p>College is affiliated with JNTUK we follow the curriculum as prescribed by the university with utmost care and diligence. The Academic Calendar is unique in its various co-curricular and extracurricular activities planned during the semester/year without distributing the university calendar.</p>
Teaching and Learning	<p>Most of the faculty members use PPTs, case studies, and practicals in different labs for a better understanding of the subject content. Each department has its own infrastructure like classrooms with ICT facilities. Most of the teachers used ICT facilities for better communication and Understanding of subject content.</p>
Examination and Evaluation	<p>1) The faculty evaluate the levels of examination questions set by the university for the Semester End Examination and identify the gaps to be made up to meet the requirements of Course Outcomes (COs). The gap is made up through the internal assessment tests where the questions are set at different levels of Bloom's Taxonomy.</p> <p>2) Also the faculty in each subject supplement the content together with assignments to be completed by students to augment the prescribed syllabus so as to meet the requirements of Program Outcomes (POs). Hence a continuous effort is being exercised to add value to our students and prepare them to meet the current needs of the industry.</p> <p>To administer uniformity for the conduct of internal assessment tests which incidentally would be accountable for the measurement of Course Outcomes attainments and hence Program Outcome attainments, a system akin to the conduct of university semester-end examinations has been implemented in this academic year. Salient features of this process are: Two phases of evaluation Internal and External Distribution of marks 25 and 75 Assignments are evaluated as Internal evaluation Mini and Major projects are also evaluated on an Internal and External basis.</p>
Research and Development	<p>The Institute has established its exclusive research development facilities with a view to promoting research activity in all the</p>

Departments and spreading research culture among staff and students. The research policy of the institution is reviewed annually and published to all faculty. The revised guidelines are encouraging in terms of direction, research quality, and reimbursement of expenses. Students in particular can work on current technology through mini projects and experiments in identified areas beyond the coverage of the syllabus thereby they acquire the knowledge/skill by doing. The mini projects and the final year major projects are exhibited on a "Project Exhibition Day" yearly. The alumni and industrialists are invited to evaluate the projects to reward the select projects.

Library, ICT and Physical Infrastructure / Instrumentation

All the departments and all the computer labs are provided with internet facilities. The college has more Wi-Fi-enabled zones. Each Department has an exclusive well-equipped seminar hall and Classroom. The library has an interactive portal through which students and faculty members can access any required information. Availability of teaching aids like OHP, LCD projectors, and Internet-enabled computer systems. Availability of computer software packages for analysis and experimental work of the students projects. Faculty members prepare and upload the academic plan of their respective subject(s) on the college portal which students of the individual class can access Many faculty members gives assignments and tutorials online to the students along with the list of the topics covered in that particular unit and also hints to solve problems. The computer laboratory for first-year students is revamped with new computing systems and furniture. The computer Science Engineering department has been renovated with upgrade systems. A Language laboratory has been upgraded for practicing Communicative English during the academic year 2018-2019. An Auditorium with all facilities has been constructed to benefit the students.

Human Resource Management

Motivating and facilitating the faculty members to participating various academic improvement courses. Encouragement important to faculty and

	students for research oriented activities and developing patents. upgrade of HR strategies and methods for the benefit of faculty and students. Periodical monitoring and maintain of grievance redressal cell, anti ragging committee, sexual harassment committee.
Industry Interaction / Collaboration	The institution continues to propagate industry connect through: 1) Technical talks / Invited seminars 2) Industry visits / tours 3) Students' project work / internships 4) MOU(Memorandum of Understanding)

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

E-governance area	Details
Planning and Development	Implemented an SMS system for the dissemination of information to all stakeholders. The good structure for delivering courses to attain course outcomes using ICT-enabled methods. Content of various subjects disseminated to students. Online feedback system provided for various stockholders for timely improvement and internal development.
Administration	ASDC Maintains organization record of all students, teaching nonteaching of the college. Notice display system implements students and other stockholders.
Finance and Accounts	The institution has been utilizing a skilled programming to keep up and deal with the inflow and outpouring of the accounts. Established fully computerized office and account section.
Student Admission and Support	ASDC maintains organization record of all students and faculties of the college. Implemented online CBCS semester information system UG/PG courses.
Examination	ASDC Maintains organization student results, exam seating plan generation, nominal rolls generation etc. Entry in service facility of competitive examinations for UG/PG students through college web portal.

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	Name of the professional body for which membership	Amount of support
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		support provided	fee is provided	
2018	S.K.H. Shariff	Quality enhancement in curriculum design and development for higher education institutions REC	IAENG	1000
2018	J Sowmya	International Conference on management, sciences, engineering and applications	ICMSEA	1500
2018	E. Devasree Rao	International Conference on management, sciences, engineering and applications	ICMSEA	1500
2018	N.Harini	A survey on prediction of health Diseases using Classification Techniques	IJIRSET	1000
2018	V.Murali krishna	Prevent security Mechanism alert by portable phishing Attack Tool	IJMTE	1500
2018	Ch.Kavitha	A survey on prediction of Health Diseases using classification Techniques	IJIRSET	1000
2018	D.Rupa Santoshi	Analysis of various Data Mining Techniques :A Survey	IJIRSET	1000
2018	A.Arjun Rao	Faculty Development Programme on MATLAB	Workshop	1000
2018	B.Anand Swaroop	Faculty Development Programme on MATLAB	Workshop	1000

2018	201819 G.Prasanth	Faculty Development Programme on MATLAB	Workshop	1000
2018	V.Sudhakar	Faculty Development Programme on MATLAB	Workshop	1000
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	One week workshop on Amazon Web Services with Android	Nil	05/05/2018	09/05/2018	6	Nil
2018	5 Days National Level FDP on MATLAB	Nil	06/11/2018	10/11/2018	71	Nil
2018	FACULTY DEVELOPMENT PROGRAMME ON MATLAB BITS APPLICATIONS IN COMMUNICATIONS	Nil	06/11/2018	10/11/2018	6	Nil
2018	Training on VHDL programming for VLSI applications using Xilinx	Training on VHDL programming for VLSI applications using Xilinx	12/10/2018	13/11/2018	3	6
2018	FDP on COMPUTATIONAL FLUID DYNAMICS	Nil	13/11/2018	17/11/2018	10	Nil
2018	FACULTY DEVELOPMENT PROGRAMME ON	Nil	03/10/2018	03/10/2018	5	Nil

	INNOVATIVE TEACHING AND LEARNING METHODOLOGIES TO CREATE INTEREST AMONG STUDENTS					
2018	Nil	Oriental session on How to use MS-Office	08/11/2018	08/11/2018	Nil	5
2019	FACULTY DEVELOPMENT PROGRAMME ON OUTCOME BASED EDUCATION	Nil	30/05/2019	01/06/2019	55	Nil
2018	FDP on outcome based education	Nil	24/04/2018	26/04/2018	55	Nil
2018	Program on "Participatory teaching method in Computer Science and Engineering"	Nil	08/12/2018	08/12/2018	8	Nil
2018	FDP on Computational Fluid Dynamics	Nil	12/11/2018	17/11/2018	25	Nil
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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
National Seminar on higher Education in India	2	30/01/2019	31/01/2019	2
RSGIS	4	25/09/2018	28/09/2018	3
Structural analysis	3	29/08/2018	31/08/2018	3

Geotechnical engineering	4	25/09/2018	25/09/2018	1
Case study on rehabilitation of structures	2	20/12/2018	20/12/2018	1
Python Django Web Development Short Term Course	1	15/10/2018	15/12/2018	60
FDP on Machine Learning	2	02/05/2018	15/05/2018	15
FDP on Heat Transfer Analysis	2	02/05/2018	16/05/2018	15
FDP on Electronic Devices and Circuits	2	02/05/2018	16/05/2018	15
FDP on Improve the teaching skill in Network Analysis	2	29/10/2018	02/11/2019	7
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
162	0	64	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
EPF, Free Bus Facility, Group Insurgence, Free WIFI facility, Salary Advances, Incentives, TA and DA facility to Conferences and work shops	EPF, Free Bus Facility, Group Insurgence, Free WIFI facility, Salary Advances, Incentives,	Group Insurance, Separate Hostel Facility for both Boys and Girls, Bus Facility from various places in Visakhapatnam, Srikakulam, Vizianagaram, Kottavalasa, Anakapalli

6.4 – Financial Management and Resource Mobilization

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

In every financial year, the college conducts internal audit by internal auditors and external audit by the statutory Auditors. After accomplishing monthly accounts, the same are audited by internal auditors appointed by the management. While verifying entries, any mistakes identified will be rectified by the departments. After rectifications, the report is submitted to the governing body. The external statutory auditors visit the office twice in a year for vouching audit and submit the final audit report. After completion, the final statutory audit report is submitted to the governing body for approval in June/July every year.

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
Non Government Bodies	240000	Sponsered student Education
View File		

6.4.3 – Total corpus fund generated

0

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	Yes	External Experts	Yes	Internal Audit Committee
Administrative	Yes	External Experts	Yes	Internal Audit Committee

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. Meetings are conducted with parent and teacher on a regular base to identify several issues amalgamated with students. 2. There is no formally structured parent- teacher association, but feedback from parent is collected occasionally. 3. The collected data supplemented to the development of Institution. 4. Most of the problems associated with students are identified and solved through consultancy.

6.5.3 – Development programmes for support staff (at least three)

1) Technical workshop to conduct lab as and when the syllabus changes 2) Refresher course on usage of software tools 3) Personality development program 4) Imparting ethical orientation and professional management in administration. 5). Supporting staff are sponsored to attend continuous education. 6) Training programs and work shops are arranged to improve their knowledge /skills/ qualification.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

• Participation in AISHE • Industry Collaborative Labs • Faculty are encouraged to publish the papers in the journals indexed in SCI, SCOPUS, DBLP databases and UGC recognised journals • Introduction of inter disciplinary electives and self learning electives in the curriculum • Mandatory Internships to the Students

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	Date of	Duration From	Duration To	Number of
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	initiative by IQAC	conducting IQAC			participants
2018	Academic Administrative Audit (AAA)	02/11/2018	02/11/2018	02/11/2018	1800
2019	Participation in AISHE	22/02/2019	22/02/2019	22/02/2019	1840
2018	Measures taken to make the Plastic campus	21/11/2018	21/11/2018	21/11/2018	680
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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
Women Empowerment :Rhetoric versus Reality	21/08/2018	21/08/2018	50	45
2.Women Leadership Development	16/11/2018	16/11/2018	55	50
Gender Sensitization	28/01/2019	28/01/2019	53	61
Gender Champions	08/03/2019	08/03/2019	47	46

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

Solar energy is the most feasible and viable green energy available around the globe. Its viability is very high in tropical countries like India. In our institution Avanthi institute of engineering and technology we installed solar panels on the rooftop consisting of a capacity of 200 kW in the year 2018. Solar for educational institutes is a great idea due to the fact that it helps in the reduction of costs associated with providing electricity to schools or universities. Moreover, solar power generates 100 clean and renewable energy. In multi-unit educational institutions and campuses, the spacious roofs and open spaces that are flooded with sunlight for most of the day are perfect for the installation of PV systems for energy and its benefits. Daily production unit's average: 600 Units Monthly Average Units Production: 18000 Units Yearly Average Production: 2, 16,000 Units Solar power usage from 6: AM TP 6: PM: 60 Approx The annual requirement in units: 3, 04,920 Units Apart from the utilization of renewable resources as energy for the partial fulfillment of the energy needs of the institute, we have also initiated the utilization of LED BULBS in various department classrooms as well as seminar halls for better energy saving. We have installed around 150 LED BULBS in various places like

seminar halls, canteen, classrooms, etc.....each LED Bulb stating a capacity of around 40W-60W to illuminate the rooms provided.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	6
Provision for lift	Yes	45
Ramp/Rails	Yes	12
Braille Software/facilities	No	0
Rest Rooms	Yes	5
Scribes for examination	Yes	1
Special skill development for differently abled students	No	0
Any other similar facility	Yes	5

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	05/06/2018	1	World Environment Day	Plantation	160
2018	1	1	28/07/2018	1	Awareness Programme	Ban the Polythene	120
2018	1	1	12/09/2018	1	Awareness Campaign	Wear the Helmet	150
2019	1	1	11/02/2019	1	Awareness Programme	Literacy Camp	145
2019	1	1	12/03/2019	1	Awareness Programme	Center to all the Major Cities	80
2019	1	1	30/03/2019	1	Awareness Programme	Easy Transport	110
2019	1	1	08/05/2019	1	Awareness Programme	On GST	130

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Human Values Includes Professional Ethics	02/07/2018	<p>Professional Values are a part of the curriculum on campus. Professional Ethics and Human Values are very relevant subjects in today's environment of conflicts and stress in the profession with the obligation to be met by one person in many directions. A formal study will certainly improve one's ability and judgment and refine one's behavior, decisions, and actions in performing the duty to the family, organization, and to society. Technology has got a profound effect on the world and engineering plays an important role in all aspects of technological development to work on ethics. So that they can imbibe and practice human values. Progress is always from the past into the future taking the best from everything and everywhere. We conducted guest lectures on campus on Professional Ethics.</p>
Human Values and Professional Ethics	02/07/2018	<p>Several universities in India have recognized the need to introduce a course in Human Values and Professional Ethics.</p> <p>In view of the degradation of moral values and degeneration of cultural values, it is a development in the right direction. Indian culture along with various other cultures developed around the world. This forms the foundation for the value system in this country. It is inspired by the past glory and great achievements.</p>

Professional Ethics as the personal and corporate rules that govern behavior within the context of a particular profession.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
1. Tree Plantation Drive On World Environment Day	05/06/2018	05/06/2018	70
2. Independence Day Celebrations	15/08/2018	15/08/2018	200
3. Awareness Program on National Peace On The Occasion of Birth Anniversary of Mahatma Gandhi	02/10/2018	02/10/2018	180
4. Corruption Free India On International AntiCorruption Day	10/12/2018	10/12/2018	120
5. Republic Day Celebrations	26/01/2019	26/01/2019	250
6. Women's Day Celebrations	08/03/2019	08/03/2019	200
7. National Mathematics Day	22/12/2018	22/12/2018	350

[View File](#)

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

1. E-waste management: The Ewaste is available on the campus like keyboards, monitors, hard drives, cables, printers IC'S PCB, etc., is used in different ways Ewaste generated is utilized as study materials for students in the computer lab under the supervision of faculty. The condemned batteries and damaged computers are disposed of through outside agencies the low-configured computers are donated to the nearby schools other waste materials and are properly disposed of Awareness programs are initiated on e-waste management. 2. Rainwater harvesting structures and utilization in the campus Response: The institution is increasing the ground-level water through pits and we are using part of that water for purification and also for drinking water and the remaining to water the plants. 1. Diversion of rainwater accumulated on the rooftop of a building through pipes into recharge pits designed at ground level just before the rainy season. 2. Recharge pits have also been designed on the college campus for the conservation of rainwater. To limit the wastage of water assets and to enhance the groundwater level, we are storing the rainwater in a water pit situated on the grounds on the campus The water saved through this method is directed to the plants through small channels for the growth of plants. This resulted in the growth of more plants on the campus and we made our campus green campus. With this, we are trying to reduce the pollution on the campus through afforestation. 3. Plastic-free campus: The use of plastic

bags and cups is prohibited on campus. Even in the canteen usage of steel Plates/leaf plates and steel cups or paper cups are made mandatory. 4. Paperless office: The College has taken a keen interest to make the office a paperless office. The accounts/office and academic information is stored and maintained through systems only The complete campus is Wi-Fi enabled, making it much easier for paperless activities Even the official information and circulars are preferred to be sent only through emails. 5. Green landscaping with trees and plants: The institute has taken several measures for planting to make Green Campus. 50 of the total area is covered with trees and lawns. A number of trees exist at different places in the college. Proper supervision is carried out by concerned authorities (switch off the classroom power supply for fans and light points). Awareness programs are conducted.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1) Student Mentoring The Institute offers students services like counseling placement training support, personality grooming and Plant Visit / Corporate Lectures / Summer Training/seminars / Project report / Continuous Evaluations/Publications / Pre-placement talks / For Final Placement. The institute undertakes to publish all the Research Articles presented at the conferences in the form of Book Proceedings. The institute conducts every year National conferences. Further, the student Information Bulletin familiarizes with various activities like rules and regulations of the institute, academic calendar, alumni club, and sports. Institute is committed to students and corporate partners and uses technology in education as a passion. We seek challenges and pride ourselves on seeing them through. We hold ourselves accountable to our students, corporate collaborators, Board members, Statutory bodies, Alumni, and employees by honoring our commitments, providing results, and striving for the highest quality excellence. Our college is known for transforming and empowering students who come from diverse backgrounds ranging from underprivileged sections to affluent ones. One of the best practices of our college is "Growing Within: Nurturing the potential of students, enabling them, empowering them to carve their unique paths". It helps to facilitate self-growth, self-worth, and actualization of the potential of the students through myriad ways of empowerment and competence building. 2) Practices like experiential learning, using the method of PowerPoint presentations to help them organize their thinking process and build professional skills, using audiovisual aides (such as screening of films and plays, displaying paintings, photographs, etc.), holding talks by experts in certain given fields and promoting wellbeing through various activities a student-centric, self-directing pedagogy. Through constructive feedback, open communication, inculcating a culture of critical thinking, and holding an array of in-depth discussions, the college has managed to uplift its most underprivileged members to be more self-reliant, career-oriented, and great leaders. The teaching culture here seeks to highlight and thereby have the students appreciate that the true essence of life lies outside the bounds of black and white, and in a wide variety of shades. Practice such as appreciating text is to enable students to draw the lifeworld reflected in the text. The students learn to think beyond right-wrong, profit loss, abnormal normal, and beautifully and start an educative experience on a wide range not limited by these extremities. This is also possible through the individualized mentoring and counseling that the teachers provide to the students. Our college library with its varied collection of books, journals, magazines, and resources also opens a window to the wider world for the students

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

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

The vision of the Institution is to develop highly skilled professionals with ethics and human values. The Institution has never faltered in Inspiring students the pursuit of knowledge, values, and social responsibility. The Institute has built up its particular methodology towards this far-reaching Vision by displaying it as an administrator to the general public, by methods for declaration courses, or by enabling the understudies to compose occasions to build up their aptitudes, multidisciplinary venture improvement, Entrepreneurship advancement, Ethical and Human worth advancement. The Institution orchestrates aptitude improvement projects to build up their abilities for instance - Personality enhancement, Employability expertise advancement, Entrepreneurial advancement, Language expertise advancement, and so forth., Students at the UG and PG degree courses take up Internships in enterprises and seek after their ventures which gives them hands-on preparation in their field of intrigue. ED Cell critically chips away at creating the energy in the youthful minds to deliver advancement and consequently lay the stones for the enterprise. Growing business visionaries are spurred for new companies and subsequently are independent and autonomous monetarily and can either bolster their instruction or family. Moral and Human worth Development: Ethical values are the foremost interest of the foundation, Students are propelled to visit halfway houses, mature age homes, and Cancer organizations and serve the neighborhood embraced school or town through NSS. Understudies have never been harsh toward the social emergency during characteristic destructions. Inside the grounds, there is all around oversight arrangement of waste transfer where we likewise center around the reusing of squanders to the greatest conceivable degree. The school keeps up a culture of sound practices like water gathering and utilization of low-control devouring electrical machines. We are likewise attempting to go as paperless as would be prudent. The resources and understudies of the school underscore the utilization of bikes rather than engine vehicles for limiting air contamination. They run crusades now and again to help their perspectives with respect to nature in types of rallies, publication making, Social Awareness drives, and so forth. The school has planted in excess of thousand plants on its premises under its drive to accomplish a greener ground.

Provide the weblink of the institution

<https://aietta.ac.in/about.php>

8.Future Plans of Actions for Next Academic Year

Future Plans of Action for the Next Academic Year FUTURE PLAN OF ACTION 2019-20 To Prepare an Institutional academic plan for odd and even semesters comprised of all the curricular, co-curricular, extra-curricular and extension activities 1. To collect feedback from students on 15 quality parameters related to curriculum, teaching, learning and evaluation processes. 2. To collect feedback from parents, employers and alumni. 3. To encourage meritorious faculty by the distribution of awards with silver medals, cash prizes and certificates by management in Teacher's day celebrations. 4. To encourage students, awards will be issued to the meritorious students with the presentation of medals, prizes, cash awards along with merit certificates on the Graduation day celebration. 5. Conduct quality awareness campaigns 6. Continue the best quality initiatives 7. Conduct workshops on the latest and updated topics 8. Conduct seminars on technical skills 9. Conduct Campus Recruitment Training classes from II B.Tech onwards and also for I and II MBA students 10. Conduct one or two Faculty Development

Programmes 11. Conduct Coaching for Competitive examinations i.e GATE, CAT. GRE and PG CET to outgoing students 12. Conduct skill development programmes through C.M's skill Excellency centre in association with APSSDC APITA, NITs, IITs and professional bodies 13. Conduct extension activities like celebrations of International and National days, Mega blood donation camp, Swatch Bharath, NSS activities with monthly themes like No plastic usage, Road safety, anaemia, cancer awareness etc, special camp at adopted villages, Music classes, Dance classes etc., 14. To improve the teaching pedagogy through Information and Communication Technology (ICT) 15. To improve innovative projects 16. To concentrate on Research and Development activities like paper presentations and publications in reputed journals, patents and consultancies 17. To expand the activities as student-centric in all the Departmental clubs 18. Conduct the departmental Level activities and tech fests 19. Conduct Fresher's day, valedictory day and college annual day tech Fests, Engineer's day and Graduation day celebrations.