SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

ANJALAI AMMAL MAHALINGAM ENGINEERING COLLEGE, KOVILVENNI

ANJALAI AMMAL MAHALINGAM ENGINEERING COLLEGE, THANJAVUR-NAGAPATTINAM HIGHWAY, KOVILVENNI (PO) THIRUVARUR (DT)
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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Anjalai Ammal Mahalingam Engineering College has been involved in teaching and learning of Technical Education since 1995. It fulfills its illustrious founder and veteran railway union leader Shri.M.Namasivayam's scintillating dream and ennobling vision and to establish a temple of learning far from the maddening crowd of the cities and yet having all the facilities of a well-developed urban campus imparting Technical Education at international standards, accessible to students from far and near, rich and poor alike.

The founder desired and directed that AAMEC should be a trend setter in technical education.

AAMEC has been conceived as a pace setter in the field of engineering education with noble ideas and objectives viz., **"Character, Health and Education"**. True to its motto, the college gives due emphasis not only on education of its students but also on character formation. Thus discipline is the watch word. The college takes all the efforts in moldings the students into good citizens, capable technocrats and self-disciplined youth so that they are well equipped for their role as nation builders.

AAMEC constantly strives for excellence. We, at AAMEC aim at ensuring that the students who bear the seal of AAMEC are capable of competing in any global context with success and distinction.

The College is located in a sprawling campus of about 65 acres of land at the historic site of Koyilvenni, where King Karikala Chola defeated his enemies even as a young boy. The college lies within the limits of Thiruvarur district at a distance of just 25 kilometers from Thanjavur towards Nagapattinam. One can reach the college easily by road or rail. The Thanjavur – Nagapattinam National Highway (NH 67) runs in front of the college and buses on this road are quite frequent. Koyilvenni railway station is located at the backyard of the college campus. Thanjavur is connected to Chennai, Trichy and other important places by frequent train and bus services. The nearest civil airport is at Thiruchirapalli at a distance of about 80 kilometers.

Vision

To become a centre of excellence by imparting high quality technical education, and produce competent engineers with ethical, environmental and social values.

Mission

1. Facilitating high quality technical education through adequate infrastructure and eminent faculty members.
2. Providing technical education to rural youth.
3. Promoting research and development activities.
4. Developing industry institution interaction and inculcating a spirit of entrepreneurship through sustained efforts.
5. Creating global environmental awareness among the students

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- High retention rate of qualified and competent faculty members across all the departments.
- Well-equipped Teaching-Learning system supported with Laboratory facilities for which consistent ranks and high pass percentage in the Anna University Examinations stand as an irrefutable proof.
- Fifteen Gold Medals and three hundred plus university ranks have been produced since 1999 in Bharathidasan and Anna University examinations
- All the class rooms are equipped with LCD projector and internet connection for providing better learning experience to the students.
- Has been participating actively in NPTEL and receiving awards viz., appreciation to SPOC, topper in Waste to Energy Conversion course, NPTEL Believer and NPTEL Enthusiast.
- Institution Innovation Council (IIC) has been established in the campus to promote Innovation and Entrepreneurship
- Recognisied Academic Centre of IIT BOMBAY Spoken Tutorial Knowledge Partner Progam
- Effective faculty advisor scheme to counsel the students academically and personally.
- Ranked among the TOP TEN institutions in sapling plantation through the project "One Tree One Student" in 2019
- Easily accessible from nearby places by buses and trains.
- Eco-friendly ambience for effective learning of students

Institutional Weakness

- Departments need to become "Research Centres" recognized by Anna University.
- Industry institution interaction needs to be enhanced.
- MoUs with industries and training institutions need to be improved
- Geographically located in rural region.
- Resource mobilization from Government and Non-Government organization for research is limited.

Institutional Opportunity

- Offering value added courses/online courses/Certification programmes.
- Exploring opportunities for research and consultancy projects.
- Expertise of alumni for placement opportunities of present students
- Establishment of Innovation centre.
- Emphasis on solar based renewable energy sources and use of power saving appliances

Institutional Challenge

- Global recession in the employment scenario.
- Changes in the attitude and aspiration of the students.
- Revision of syllabus in accordance with the industrial requirements and change in technology.
- Reorienting the students from rural background with local language as medium of instruction towards English.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The Institution is affiliated to Anna University and the curriculum and syllabi prescribed by Anna University is strictly adhered to. Effective curriculum delivery is ensured through a process as given below:

- Courses are very well planned and delivered as per the pre-prepared course plan
- Final year projects are reviewed by a review committee consisting of HOD /Guide/ Alumni/Industrial experts
- Preparation of adequate learning materials and prompt sharing with the students
- Maintenance of course files by faculty
- Remedial Classes for the slow learners
- Faculty advisor scheme to closely monitor the students' progress
- Periodic review of the teaching-learning process by the HOD
- Systematic examination process with despatch of reports to parents
- Arrangement of Guest lectures, seminars, industrial visits and training programmes
- Organisation of Refresher Courses, workshops and FDPs for up-gradation of faculty's skills
- Encouraging the students to do innovative projects and present paper in seminars and international conferences.
- Introduction of CBCS in seven UG programs and one PG program in the academic year 2017-2018.
- Inculcation of efforts relevant to gender-equality, environment, human values and professional ethics:
- Equal opportunities in terms of admissions, employment, training programmes, sports activities etc.,
- Inclusion of courses on Professional Ethics, human rights and Environmental Science in the curriculum.
- Structured feedback received from students, teachers, alumni and employers on the syllabus.
- Active learning techniques like problem based learning, quiz and cross word puzzles are conducted.

Teaching-learning and Evaluation

- Average enrollment percentage is 65.18%
- Management quota seats are also filled on merit basis
- Special programs are arranged for advanced learners and slow learners after due assessment.
- Student-centric methods are applied for enhancing the learning experiences.
- All the class rooms are equipped with ICT facilities for better teaching and learning
- Each mentor on an average has approximately 19 students under his/her care for academic and stress related counselling.
- All the teachers are permanent and full time teachers
- Average percentage of full time teachers with Ph.D is 17.09%
- Average teaching experience of full time teachers is above 10 years
- The Continuous Internal Evaluation system is based on the Examination Reform Policy document of AICTE.
- Mechanism of internal assessment is transparent and robust.
- Teachers and students are made well aware of the program outcomes and the course outcomes.
- The Institution evaluates the attainment of these outcomes as per the NBA procedure.
- Average pass percentage of students is 79.4%
- Faculty members and students are encouraged to register for NPTEL courses

Research, Innovations and Extension

- Project funding obtained from Tamil Nadu State Council for Science and Technology
- Two faculty members are recognized as research supervisors
- Presently 35 faculty members are pursuing PhD
- Project work of UG student's are published in journals/conferences
- Faculty members are encouraged to publish books and book chapters
- Special camps have been organized by NSS in nearby villages and literary awareness programs and sports events are conducted for children
- YRC and RRC have conducted awareness programs on COVID19 and AIDS
- MoUs are signed for the skill up-gradation of students

Infrastructure and Learning Resources

- Excellent infrastructural and instructional facilities
- Number of class rooms with ICT facility – 51, Number of seminar halls – 3, Number of laboratories – 42, Number of faculty rooms - 58
- All the class rooms and seminar halls are equipped with ICT facilities for better teaching and learning
- Well-equipped Gymnasium and indoor stadium
- Well established purchase and maintenance procedure for the procurement laboratory equipment
- Auto-Lib – Integrated Library Management System Software is available in Library
- Member in e-Shodhsindu, DELNET and National Digital Library
- Student computer ratio is 2:1
- 300 Mbps leased line BSNL internet connection
- Auditorium is available for conducting cultural activities

Student Support and Progression

- More than 57.77% students are supported by Government scholarship
- Management merit scholarship of Rs 10000, Rs 7500 and Rs 5000 are awarded to top three students of each department every year based on the results of Anna University examinations
- Management fee waiver is given to the wards of non-teaching staff
- Transport fee is free for wards of all the non-teaching staff members
- Soft skill training programs are conducted by the Training and Placement Cell
- Students are encouraged to attend NPTEL courses
- International Yoga day has been celebrated and yoga training has been arranged for the first year students
- Grievances redressal committee is available in the college
- On an average, 44.31% of students have been placed during the last five years.
- Students are encouraged to participate in cultural events in other colleges and they have won prizes.
- Distinguished alumni awards are presented to the alumni for their exemplary career achievements.
- Anti-ragging committee and squad are available.

Governance, Leadership and Management

- Managing Trustee guides the Principal and HODs to work in consonance towards the Mission and Vision of the Institution.
- The Governing Council meets periodically to monitor the progress and suggest strategies.
- The Principal and the HODs periodically meet to make decisions on academic matters.
- The HOD decides on the activities of the department and delegate responsibilities to the faculty members.
- Staff and students are encouraged to give suggestions - an example of participative management.
- Tutition fee concession to the wards of non-teaching staff members
- Steady growth of infrastructure and instructional facilities
- Faculty members are encouraged to attend online/offline Faculty development programs and NPTEL courses.
- Faculty appraisal scheme is carried out yearly
- The IQAC focuses on the continuous improvement of the teaching learning process by conducting Academic Audit every semester.

Institutional Values and Best Practices

- Gender equality is maintained in all the sports and cultural events conducted in the college.
- LED bulbs are used in the college
- Solar energy lab was established and Solar energy is used to support the Server room of the computer center
- Solid waste management system is available in the hostel
- Rain water harvesting is available in all buildings
- Institution initiatives on green campus like restricted entry to vehicles, landscaping and plastic free campus are implemented.
- Disabled-friendly washrooms are available and ramps are provided in the buildings.
- Code of conduct is displayed in the web site and circulated among all the students through students' hand book.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	ANJALAI AMMAL MAHALINGAM ENGINEERING COLLEGE, KOVILVENNI
Address	Anjalai Ammal Mahalingam Engineering College, Thanjavur-Nagapattinam Highway, Kovilvenni (PO) Thiruvarur (DT)
City	Kovilvenni
State	Tamil Nadu
Pin	614403
Website	www.aamec.edu.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	S. N. Ramaswamy	04374-232693	9791451644	04374-232696	iqac@aamec.edu.in
IQAC / CIQA coordinator	Kannan K	04374-232516	9344094339	04374-232695	k.kannan@aamec.edu.in

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details	

Date of establishment of the college	01-01-1995

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Tamil Nadu	Anna University	[View Document](#)

Details of UGC recognition

Under Section	Date	View Document
2f of UGC		
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	[View Document](#)	10-07-2021	12	

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No

Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	**Address**	**Location***	**Campus Area in Acres**	**Built up Area in sq.mts.**
Main campus area	Anjalai Ammal Mahalingam Engineering College, Thanjavur-Nagapattinam Highway, Kovilvenni (PO) Thiruvarur (DT)	Rural	64.27	42967

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Civil Engineering	48	HSC	English	60	11
UG	BE,Computer Science And Engineering	48	HSC	English	90	84
UG	BE,Electrical And Electronics Engineering	48	HSC	English	60	18
UG	BE,Electronics And Communication Engineering	48	HSC	English	90	55
UG	BE,Mechanical Engineering	48	HSC	English	90	34
UG	BTech,Information Technology	48	HSC	English	90	71
UG	BTech,Chemical Engineering	48	HSC	English	60	12
PG	MCA,Computer Applications	24	Undergraduate degree	English	60	48

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0				0				0
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit				0				0				0
Sanctioned by the Management/Society or Other Authorized Bodies				11				24				93
Recruited	11	0	0	11	17	7	0	24	58	35	0	93
Yet to Recruit				0				0				0

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				81
Recruited	55	26	0	81
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				22
Recruited	20	2	0	22
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD	0	0	0	0	0	0	0	0	0	0
Ph.D.	11	0	0	10	2	0	8	6	0	37
M.Phil.	0	0	0	0	0	0	9	1	0	10
PG	0	0	0	7	5	0	41	28	0	81

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

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

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

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

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	180	0	0	0	180
	Female	105	0	0	0	105
	Others	0	0	0	0	0
PG	Male	7	0	0	0	7
	Female	71	0	0	0	71
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	12	15	25	28
	Female	18	8	21	27
	Others	0	0	0	0
ST	Male	0	1	0	0
	Female	0	0	0	0
	Others	0	0	0	0
OBC	Male	91	140	190	187
	Female	62	51	108	121
	Others	0	0	0	0
General	Male	143	157	131	131
	Female	54	54	80	92
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		380	426	555	586

Extended Profile

1 Program

1.1

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

2020-21	2019-20	2018-19	2017-18	2016-17
484	491	490	478	478

File Description	Document
Institutional data prescribed format	View Document

1.2

Number of programs offered year-wise for last five years

2020-21	2019-20	2018-19	2017-18	2016-17
8	8	8	8	8

2 Students

2.1

Number of students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1765	2086	2390	2616	2591

File Description	Document
Institutional data in prescribed format	View Document

2.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
412	496	496	496	496

File Description	Document
Institutional data in prescribed format	View Document

2.3

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

2020-21	2019-20	2018-19	2017-18	2016-17
574	278	494	576	563

File Description	Document
Institutional data in prescribed format	View Document

3 Teachers

3.1

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

2020-21	2019-20	2018-19	2017-18	2016-17
128	135	139	164	164

File Description	Document
Institutional data in prescribed format	View Document

3.2

Number of sanctioned posts year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
128	135	139	164	164

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

Total number of classrooms and seminar halls

Response: 54

4.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
627.4	627.37	800.46	643.72	435.29

4.3

Number of Computers

Response: 944

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

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

Response:

Our institution is an affiliated college and follows the Curriculum and Syllabi prescribed by the Anna University, Chennai.

Steps which are followed by the institution to ensure curriculum delivery are:

- The institution develops academic schedule based on University calendar
- Allocation of the subjects to the faculty is done based on qualification, area of specialization, experience and their willingness.
- Suggesting the students to select electives based on industrial requirement with reference to industrial requirement.
- Course files are prepared and maintained by the faculty which includes:
  - Course plan
  - Previous year Question Papers (5 years)
  - Lecture notes or study material
  - Two Mark Question Bank with Answers (Referring AU question papers)
  - Students Name List with AU register number
  - Class and Laboratory Timetable
  - Individual Faculty Time table
  - Syllabus Copy of the subject
  - Course Objectives and Outcomes
  - Lecture, Practical and Tutorial Plan
  - Bridge Course Plan/ Content beyond syllabus
  - Tutorial and Assignment Sheet
  - Academic Process and Academic Performance Monitoring
  - Course Progress Report and Performance Details
- Final year projects are reviewed by a review committee consisting of HOD/Guide/Alumni/Industrial experts
- Feedback is obtained from the students twice in a semester to enhance the teaching-learning process
- In addition to the curriculum, students are educated about the latest developments in their respective fields through, Guest Lectures, Industrial Visits, Workshops, Value Added Courses, Internships, Innovative Projects, Online Courses, Corresponding club activities and technical association etc.,
- Encouraging the students to do innovative projects and present papers in seminars and international conferences
- **Faculty Advisor Scheme:** The teaching faculty members are assigned with the task of mentoring students on academic and personal issues thereby strengthening the learning atmosphere and to sustain their performance

- Class Committee meetings are held thrice in a semester by the chairperson to improve the teaching learning process, academic progress of the students, and to address the grievances if any.
- If a subject is common to more than one branch then a course coordinator conducts a course committee meeting with the all the faculties handling that subject and students representatives to deliberate the mode of teaching
- For each laboratory classes lab manuals are available to the students
- Faculty skill up-gradation includes Refresher Courses, FDTPs, Workshops, IPT, International Conferences**,** Seminars, Guest Lectures, Ph.D., etc.,

File Description	Document
Link for Additional information	[View Document](#)

1.1.2 The institution adheres to the academic calendar including for the conduct of CIE

Response:

Being an institution affiliated to Anna University, the academic calendar given by the Centre for Academic Courses, Anna University and the Controller of examinations has been used as reference document and the semester academic calendar is prepared including the dates of Continuous Internal Examination.

The academic calendar is strictly implemented in the college.

Every semester, three Continuous Internal Examinations are conducted by the department for all the students. The dates of examinations are as per Anna University schedule. The test schedule is prepared and circulated among all the faculty members and students one week in advance. The question papers are set by the faculty members or other faculty members assigned by the HOD as per the AICTE Examination Reforms pattern including Blooms Cognitive Level, Course Outcome, Program Outcome and Performance Indicator Code. The hall plan, invigilation duty chart are prepared by the department for the conduct of the examinations. The stationery for the examinations are provided by the college. The examination papers are corrected by the faculty members and corrected papers are given to the students within a week's time. The clarifications of the students in the test paper are resolved in the class room itself. Then, the consolidated mark sheet is prepared by the class coordinator and displayed in the Notice Board. HOD of the department is assisted by a faculty member as Test in-charge for smooth conduct of the tests. For absentees and failed students retests are conducted or assignments are given to improve their test performance. The test mark is analyzed as per NBA requirement and the course end report is prepared by the faculty members for every subject at the end of the semester.

File Description	Document
Link for Additional information	[View Document](#)

1.1.3 Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following

academic bodies during the last five years

1. **Academic council/BoS of Affiliating university**
2. **Setting of question papers for UG/PG programs**
3. **Design and Development of Curriculum for Add on/ certificate/ Diploma Courses**
4. **Assessment /evaluation process of the affiliating University**

Response: B. Any 3 of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Link for Additional information	[View Document](#)

1.2 Academic Flexibility

1.2.1 Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

Response: 100

1.2.1.1 **Number of Programmes in which CBCS / Elective course system implemented.**

Response: 8

File Description	Document
Institutional data in prescribed format	[View Document](#)
Link for Additional information	[View Document](#)

1.2.2 Number of Add on /Certificate programs offered during the last five years

Response: 15

1.2.2.1 **How many Add on /Certificate programs are offered within the last 5 years.**

2020-21	2019-20	2018-19	2017-18	2016-17
4	6	1	1	3

File Description	Document
List of Add on /Certificate programs	[View Document](#)
Link for Additional information	[View Document](#)

1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years

Response: 8.94

1.2.3.1 **Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
288	462	47	4	106

File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	[View Document](#)

1.3 Curriculum Enrichment

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

Response:

Gender and Human values

- Girls and boys are encouraged to participate in various co-curricular activities such as paper presentations, organization of paper contests, group discussions and technical quiz programmes.
- Both boys and girls are made members of various clubs associated with academic, co-curricular and extracurricular activities such as sports, cultural, etc.
- Equal opportunities are given to both the genders in terms of admissions, employment, training programmes, sports activities etc., and so gender issues do not arise.
- Students are taken for field visits to water treatment plants and watershed management places where they learn the maintenance of water sheds for sustainability and environmental issues.
- Sewage water treatment plant of our college has the capacity to treat 2 lakh capacity of domestic waste water which is then used for gardening. This process is explained to the students to understand the concepts and do the projects.
- Awareness programmes are also initiated by NSS and Environment Club to carry out activities like sapling plantation, waste management for environmental awareness, protection and ecological preservation.

The course **Professional Ethics** and **Human Values** is offered in the Anna University curriculum. The objectives of the course are:

- To enable the students to create an awareness on Engineering Ethics and Human Values to instill Moral and Social Values and Loyalty and to appreciate the rights of others.

- To understand the concepts of computer ethics in the work environment.
- To understand the threats in computing environment
- To understand the intricacies of accessibility issues
- To ensure safe exits when designing the software projects

The course **Environmental Science and Engineering** is offered in the Anna University curriculum. The objectives of the course are:

- To study the nature and the facts about the environment.
- To find and implement scientific, technological, economic and political solutions to environmental problems.
- To study the interrelationship between living organisms and the environment.
- To appreciate the importance of the environment by assessing its impact on the human world; envision the surrounding environment, its functions and its value.
- To study the dynamic processes and understand the features of the earth's interior and surface.
- To study the integrated themes and biodiversity, natural resources, pollution control and waste management.

File Description	Document
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	[View Document](#)

1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

Response: 1.65

1.3.2.1 **Number of courses that include experiential learning through project work/field work/internship year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
8	8	8	8	8

File Description	Document
Programme / Curriculum/ Syllabus of the courses	[View Document](#)
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	[View Document](#)

1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year

Response: 34.67

1.3.3.1 **Number of students undertaking project work/field work / internships**

Response: 612

File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	[View Document](#)

1.4 Feedback System

1.4.1 *Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2)Teachers 3)Employers 4)Alumni*

Response: A. All of the above

File Description	Document
Any additional information (Upload)	[View Document](#)
URL for stakeholder feedback report	[View Document](#)

1.4.2 Feedback process of the Institution may be classified as follows: Options:

    1.Feedback collected, analysed and action taken and feedback available on website
    2.Feedback collected, analysed and action has been taken
    3.Feedback collected and analysed
    4.Feedback collected
    5. Feedback not collected

Response: B. Feedback collected, analysed and action has been taken

File Description	Document
URL for feedback report	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 65.18

2.1.1.1 **Number of students admitted year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
333	380	426	555	586

2.1.1.2 **Number of sanctioned seats year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
600	720	720	720	720

File Description	Document
Institutional data in prescribed format	[View Document]()
Any additional information	[View Document]()

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 52.47

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

2020-21	2019-20	2018-19	2017-18	2016-17
163	183	215	344	363

File Description	Document
Average percentage of seats filled against seats reserved	[View Document]()
Any additional information	[View Document]()

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

- The Secretary, Tamil Nadu Engineering Admissions (TNEA), admits first year B.E./B.Tech students through a single window system based on their Higher Secondary Examination (HSC) marks.
- The Secretary, Tamil Nadu MBA/MCA Admissions, admits first year MBA/MCA students through single window counseling based on common entrance test (TANCET).
- Management quota students are admitted by the Admission Coordinator and Principal. The Management quota admissions are also carried out on merit basis.
- After the students get admitted in our institution, orientation programs are organized for the freshers to help them understand the Engineering curriculum. Introductory lectures for all the subjects are devoted to discuss and understand special needs of the students. Students are categorized based on their previous qualifying examinations marks, assessment test, class room performances and personal performance.
- Assessing the students based on internal examinations helps to identify the slow learners and the quick learners.
- If the students are slow in their learning process, the mentor who is acting as the guide and philosopher finds the nature of their problems and motivates them in a friendly way to reach particular academic goals. To improve on their academic performance, extra classes with separate time tables are organized to clarify the doubts and re-explaining of difficult topics.
- Quick learners are identified through their performance in examinations. They are motivated by the mentor and the heads of the departments concerned to perform better in the University examinations and to score good grades and thereby maintain the consistent performance and to bag quality university ranks. They are also motivated to do additional courses for placement and GATE coaching is also arranged for them.

File Description	Document
Past link for additional Information	[View Document](#)

2.2.2 Student- Full time teacher ratio (Data for the latest completed academic year)

Response: 13.79

File Description	Document
Any additional information	[View Document](#)

2.3 Teaching- Learning Process

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

Response:

- As an affiliated college under Anna University, the role for us in the design of the curriculum is very limited. However, the College takes all measures to groom the students to be responsible citizens and employable in MNCs.
- All the class rooms are provided with LCD projectors and internet connection to enable the teachers to take examples or lectures online and explain to the students.
- Multimedia teaching aids like videos, online materials and PPTs are incorporated in the day-to-day teaching learning process that enhances the students' understanding of the subjects.
- Tutorial classes are conducted to supplement the regular teaching learning process.
- Guest lectures by experts from the industry and academia are organized by the respective departments, to provide knowledge beyond the prescribed syllabus.
- Webinars from experts and alumni within/outside India that augments the students to enhance their knowledge and skills are organized regularly in our college.
- As a part of the curriculum, a Communication Language laboratory has been established for students to improve their English proficiency. In addition, Soft skills training slots are incorporated in the timetables, wherein the students are guided by the experts, in improving the presentation and communication skills.
- Students are encouraged to organize and participate in Inter-collegiate events such as symposiums, project contests etc., to bring out their potential.
- Industrial visits and value added courses are arranged to give hands-on experience to the students.
- In addition to academics, to be a socially responsible citizen, our college encourages the students to participate in NSS and club activities with equal enthusiasm to develop their overall personality.
- The college has a state of the art central library well equipped with books & e-books, technical magazines, journals & e-journals and NPTEL lecture videos which serve as a knowledge resource centre.
- **The students and faculty are motivated to register for online NPTEL Certificate courses in addition to their regular curriculum.**
- The teachers are encouraged to use modern teaching pedagogy, in addition to conventional classroom teaching practices.
- Laboratories with Internet Connection permit the students to widen their knowledge and skills.
- Faculty members apply teaching methods such as group discussions, seminars/ student presentation for better understanding of concepts/ technologies.

File Description	Document
Link for additional information	[View Document](#)

2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

Response:

All the class rooms have been equipped with ICT facilities like computer, LCD projector, screen with

internet connections since 2013. Since 2013, all the teachers have been trained to teach according to the requirement of the subject, chalk and talk, PPT presentation, video presentation, live video lectures from YouTube or NPTEL etc. During the academic year 2019-2020, after March 2020 classes were conducted using LMS like Google class room. The classes were conducted using Google meet or Zoom meet, study material, assessment and assignment questions were shared in Google class room. During 2020-2021, all the faculty members used Google class room, Google form, Google meeting and Zoom meeting for effective teaching learning process. CANVAS instructor was also used by teachers as LMS. Teachers prepared their own YouTube video lectures and shared with the students for better learning.

File Description	Document
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	[View Document](#)

2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

Response: 19.18

2.3.3.1 Number of mentors

Response: 92

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	[View Document](#)
mentor/mentee ratio	[View Document](#)
Circulars pertaining to assigning mentors to mentees	[View Document](#)

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5years(Data Template)	[View Document](#)
List of the faculty members authenticated by the Head of HEI	[View Document](#)

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 17.09

2.4.2.1 **Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
34	30	23	18	15

File Description	Document
List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. and number of full time teachers for 5 years (Data Template)	[View Document](#)
Any additional information	[View Document](#)

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 10.48

2.4.3.1 **Total experience of full-time teachers**

Response: 1342

File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

Response:

- Centre for Academics, Anna University releases the academic schedule for every semester at the beginning of semester which includes start of academic program, end of academic program, tentative dates of university examinations
- Controller of Examination, Anna University provides the Internal Examination Schedule and web portal entry dates at the beginning of the semester
- At the beginning of the semester, in the class committee meeting, the HOD and class coordinators

explain to the student about the Internal Assessment test and its importance in calculating Internal Assessment Marks.

- The scheme of evaluation for the subjects is also informed – 80% weightage is given to the end semester examinations and 20% weightage to the Internal Assessment Test.
- The schedule for the test is informed by the HOD one week in advance to the students and faculty members.
- The syllabi for the tests and model of the question paper are also intimated.
- As per the Anna University curriculum, three internal assessment tests are conducted for theory subjects and one internal assessment test is conducted for practical subject.
- For theory subjects, the question pattern includes Bloom's level, Course Outcome and Program Outcomes as per the Examination Reforms 2018 released by AICTE.

File Description	Document
Link for additional information	[View Document](#)

2.5.2 Mechanism to deal with internal/external examination related grievances is transparent, time-bound and efficient

Response:

- Students are informed in the first year itself about the scheme of assessment for subjects offered – 80% weightage to the end semester examinations and 20% weightage to the Internal Assessment Test.
- The Internal Assessment test is conducted as per the schedule and valued answer papers are given to the students. If they find any discrepancies in the valuation – they may inform the faculty member for consideration.
- After publication of end semester examination result by Anna University, if the student is not satisfied with his result, he can apply for revaluation within 15 days after publication of results. As per the procedure of Anna University, the paper is revaluated and results will be published.
- If the student is not convinced with the revaluation result, he can challenge the valuation with prescribed fee and Anna University respond to the challenge of the student before commencement of next semester examination.

File Description	Document
Link for additional information	[View Document](#)

2.6 Student Performance and Learning Outcomes

2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Response:

The Program Outcomes are displayed in prominent places in the college and departments.

The Program Outcomes are also available on college website.

All the faculty members prepare Course plan every semester for the subjects they are teaching.

In the course plan one component is Program Outcomes. All the faculty members are making a presentation to the students at the beginning of the semester to create awareness among the students about the Program Outcomes.

The course outcomes are available on college website. Faculty members write the course outcomes in the course file,

Attendance and Assessment Record and present to the students at the beginning of the semester.

File Description	Document
Upload COs for all Programmes (exemplars from Glossary)	[View Document](#)
Past link for Additional information	[View Document](#)

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

Response:

The college is affiliated to Anna University, Chennai. The norms for affiliated (Tier – II) institutions given in the NBA document is used to evaluate the attainment of PO and CO. The attainment of Program Outcomes is evaluated through the course outcomes.

Measuring Course Outcomes attained through University Examinations

Level I: 60% students scoring a pass marks in the University Examination – Slight (1)

Level II: 65% students scoring a pass marks in the University Examination – Moderate (2)

Level III: 70% students scoring a pass marks in the University Examination – Substantial (3)

Measuring Course Outcomes attained through Internal Assessment

Level I: 60% students scoring more than 50% of maximum marks in the relevant COs – Slight (1)

Level II: 65% students scoring more than 50% of maximum marks in the relevant COs – Moderate (2)

Level III: 70% students scoring more than 50% of maximum marks in the relevant COs – Substantial (3)

Attainment level of the course

= 80% of University examination + 20% of Internal examination

All the teachers prepare the course end report after publication of Anna University result to evaluate the Course Outcomes, and then the Program Outcomes is evaluated as per the prescribed format of NBA.

File Description	Document
Paste link for Additional information	[View Document]

2.6.3 Average pass percentage of Students during last five years

Response: 75.37

2.6.3.1 **Number of final year students who passed the university examination year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
574	278	494	576	563

2.6.3.2 **Number of final year students who appeared for the university examination year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
610	655	701	717	629

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	[View Document]
Paste link for the annual report	[View Document]

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.1

File Description	Document
Upload database of all currently enrolled students (Data Template)	[View Document](#)

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Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

Response: 0

3.1.1.1 **Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
List of endowments / projects with details of grants	[View Document](#)
e-copies of the grant award letters for sponsored research projects / endowments	[View Document](#)

3.1.2 Percentage of teachers recognized as research guides (latest completed academic year)

Response: 1.56

3.1.2.1 **Number of teachers recognized as research guides**

Response: 2

File Description	Document
Institutional data in prescribed format	[View Document](#)

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years

Response: 0

3.1.3.1 **Number of departments having Research projects funded by government and non-government agencies during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

3.1.3.2 **Number of departments offering academic programes**

2020-21	2019-20	2018-19	2017-18	2016-17
8	8	8	8	8

File Description	Document
Supporting document from Funding Agency	[View Document](#)
List of research projects and funding details	[View Document](#)

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Response:

Institution Innovation Council (IIC) Establishment:

To develop the innovation among the student community in Higher Education Institution, Institution Innovation Council (IIC) has been established at Anjalai Ammal Mahalingam Engineering College, Tiruvarur in the year 2019-20 as per the norms of MHRD's Innovation Cell, Government of India. MHRD has approved our College as IIC and has given a certificate.

IIC program Activities:

As per the suggestions given by the IIC-MHRD, "Innovation and Entrepreneurship Development Cell" has conducted various programs to:

1. Create awareness among students about innovation and Entrepreneurship.
2. Share the experience of staff in their entrepreneurship journey to the students.
3. Motivate the students to share their own ideas.
4. Motivate the students to put their thoughts regarding Entrepreneurship into actions.
5. Establish the Entrepreneurship spirit among the students.

Credits:

- As a primary achievement of EDC of our institution, IIC had secured 46.64 marks out of 50

(Cumulative marks in quarter 1 & 2 activities) and was awarded with reward points in the activities of MHRD Innovation Cell, Government of India.

- Our Institution's annual performance report in "Institution Innovation Council" was announced by IIC-MHRD over the duration of 2019-2020. Our IIC had secured 68.3334 out of 100, Hence IIC achieved 3 stars out of 5.
- Three star certification has been awarded to "Institution Innovation Council (IIC)" at Anjalai Ammal Mahalingam Engineering College, Tiruvarur for undertaking the various activities prescribed by Innovation Cell, Ministry of Education, Government of India to promote Innovation and Start-up in campus during the IIC calendar year 2019-20.

Funds:

- National Science and Technology Entrepreneurship Development Board (NSTEDB) Department of Science and Technology, Government of India, New Delhi has sanctioned an amount of rupees 20000/- under the scheme of "DST-NIMAT Project 2017-18" to ED Cell for conducting "Entrepreneurship Awareness Camp (EAC)".
- Ministry of Skill Development and Entrepreneurship, government of India has sanctioned an amount of rupees 41666/- under the scheme of "PM Yuva Yojana" to ED Cell for developing Entrepreneurship.
- To create awareness about the innovation among the student community, the management of Anjalai Ammal Mahalingam Engineering College has provided the funds of rupees 98000/- for ED Cell activities.

Students Innovations and activities:

ED Cell students prepared useful product and projects for the society.

- House-hold cleaning materials like phenyl, hand-wash, hand-rub, sanitizer, washing liquid and detergent powder.
- Hand-crafts like woolen dolls, candles, cement flower pots, coconut-shell tea cups and Paper bags for a green Environment.
- Herbal products like hair oils, natural soaps and Neem-comb.
- For the welfare of the educational society the student members prepared "Chalk Pieces".
- Electronics products like, mobile charger, LED Emergency lights, automatic hand sanitizer dispenser, High luminance 15 Watts LED bulbs, High luminance 22 Watts LED Tube lights.
- For the welfare of the agriculture products like Automatic Milking machine, Semi-Automatic Egg incubator.
- ED Cell student members installed CCTV at our institution.
- ED Cell has separate equipped places for it's various activities like knowledge sharing, incubation and sales-point. For the appreciation of the students, ED Cell awards certificates at their end semester.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years

Response: 1

3.2.2.1 **Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
1	0	0	0	0

File Description	Document
List of workshops/seminars during last 5 years	[View Document](#)

3.3 Research Publications and Awards

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years

Response: 0

3.3.1.1 **How many Ph.Ds registered per eligible teacher within last five years**

3.3.1.2 **Number of teachers recognized as guides during the last five years**

Response: 2

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	[View Document](#)

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

Response: 0.55

3.3.2.1 **Number of research papers in the Journals notified on UGC website during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
14	12	15	17	22

File Description	Document
List of research papers by title, author, department, name and year of publication	[View Document](#)

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

Response: 0.14

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

2020-21	2019-20	2018-19	2017-18	2016-17
6	5	2	4	4

File Description	Document
List books and chapters edited volumes/ books published	[View Document](#)
Any additional information	[View Document](#)

3.4 Extension Activities

3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.

Response:

The institution organizes a number of extension activities to promote institute - neighborhood communities to motivate and make the students understand the community needs. The students of our college actively participate in social service activities leading to their overall development. The National Service Scheme, Red Ribbon Club and Youth Red Cross units are functioning effectively in the college. Through these units, the college undertakes various extension activities in the neighborhood community.

Through NSS, a seven day residential camp is organized in the nearby adopted villages and several activities are carried out by the volunteers by addressing the social issues which include Personal hygiene, Cleanliness, Planting sapling, Water conservation, Human rights awareness etc. Social interaction and

Group discussion with the neighborhood gives them insights to understand the society in a better way. NSS, RRC and YRC conduct rallies, mimes and cultural events to promote Women empowerment, National Integrity and Concern for the environment. Road Safety alerts, AIDS & COVID-19 awareness, General medical camp, Veterinary Camp, Blood donation camp, etc., are organized to help the neighborhood.

These units focus mainly on maintaining discipline, building character and the spirit of brotherhood and service by consciously being responsible for shaping students into responsible citizens of the country.

A positive impact on the student community is seen evidently when they volunteer themselves as a part of these units and it helps them to improve their leadership skills and self-confidence.

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

Response: 0

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

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Number of awards for extension activities in last 5 year	[View Document](#)

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 29

3.4.3.1 **Number of extension and outreached Programmes conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
0	8	10	2	9

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

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

Response: 15.06

3.4.4.1 **Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
0	400	495	128	791

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

3.5 Collaboration

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 0

3.5.1.1 **Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
e-copies of related Document	[View Document](#)
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	[View Document](#)

3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years

Response: 2

3.5.2.1 **Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
0	2	0	0	0

File Description	Document
e-Copies of the MoUs with institution/ industry/corporate houses	[View Document](#)
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	[View Document](#)
Any additional information	[View Document](#)

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

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

Response:

The institution has adequate infrastructure and instructional facilities for teaching-learning.

Number of class rooms available: 58,

Number of laboratory rooms available: 42,

Number of faculty rooms available: 58.

Number of computers available: 1020 and

Number of printers available:32 . Internet connection available: 300 Mbps.

In addition to the above other common facilities available are:

- Dispensary
- Common room for day scholars
- Canteen
- Stationery store
- Post Office
- Gymnasium
- Indoor stadium etc.

File Description	Document
Upload any additional information	[View Document](#)

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

Response:

The Institution has adequate facilities for cultural activities, sports, games (indoor and outdoor) and gymnasium.

The Sports and Games (indoor and outdoor) facilities:

Athletic non-standard track 200 m,

Outdoor games: Four Volley ball court, One Basketball court, two Kabadi field, one Hockey field and football field and two ball badminton courts. Indoor games: Two badminton, chess and three table tennis tables.

A well-equipped gymnasium is available.

For conducting cultural activities, one seminar hall with 200 seating capacities (air conditioned), one seminar hall with 1000 capacity and an auditorium of 2000 capacity are available.

The cultural and sports events are regularly conducted in college.

The students are encouraged to participate in cultural events in other colleges, sports and games events conducted by Anna University.

File Description	Document
Upload any additional information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. *(Data for the latest completed academic year)*

Response: 98.15

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 53

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View Document
Paste link for additional information	View Document

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

Response: 50.62

4.1.4.1 **Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
42.54	289.51	422.00	537.34	278.51

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	View Document
Upload audited utilization statements	View Document
Upload any additional information	View Document

4.2 Library as a Learning Resource

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

Response:

The college has established a well stacked Library with AutoLib – Integrated Library Management System (ILMS) software. The open access system is used for the users. An OPAC (Online Public Access Catalogue) has been created and one computer is provided to facilitate access to the library resources. The availability of books and journals in the library are:

Number of titles: 15315

Number of volumes of book: 44525

Book bank titles; 595

Book bank titles: 1448

Number of educational and other CD: 2759

Number of print journals national and international: 68

Number of e-journals and magazines: 1000 plus

File Description	Document
Upload any additional information	View Document

4.2.2 The institution has subscription for the following e-resources

1. e-journals
2. e-ShodhSindhu
3. Shodhganga Membership
4. e-books
5. Databases
6. Remote access to e-resources

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	[View Document](#)
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template)	[View Document](#)

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 9.84

4.2.3.1 **Annual expenditure of purchase of books/e-books and subscription to journals/e- journals year wise during last five years (INR in Lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
2.971	2.548	16.01	11.49	16.16

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the last five years (Data Template)	[View Document](#)
Audited statements of accounts	[View Document](#)

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year

Response: 4.86

4.2.4.1 Number of teachers and students using library per day over last one year

Response: 92

File Description	Document
Details of library usage by teachers and students	[View Document](#)

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

Technology powers nearly every aspect of today's education, from an individual employee's work to operations to goods and services. When properly networked, technology can be optimized to improve communication, create efficiencies and increase productivity.

The institution periodically updates the computing facility in all the computer laboratories of the college. The computing facility includes multiple servers in rooms called server rooms or data centers with a total of 29 servers at 5 different locations. A core hardware component needed for an enterprise IT infrastructure is a server. **Servers** are essentially computers that allow multiple users to access and share resources. The main server hosted at the Computer Center 1 (CC1) is a Rack servers with the specifications, EM 64 T(Dual Processor) 2 GB DDR 2 PC 3200 ECC DIMM Memory expandable to 16 GB, 3 x 146.8 GB Ultra320 SCSI SSL HDD. This server acts as the main storage unit for all the IT based activities run across the organization.

Virtualization provides faster server provisioning, increases uptime, improves disaster recovery and saves energy. The institution has 5 Virtual LAN controlling units which establish control over a five different buildings.

The 29 servers are used to control 982 desktops and workstations used across the 8 departments.

The Civil Engineering computer lab established in the year 2018 hosts 65 desktop systems with the latest Intel Core i5-7500 processor and NVIDIA 2 GB Graphics Card , specifically for running Auto CAD software, REVIT software and SATPRO software.

The CAD lab located in the main building hosts 55 workstations with Intel Xeon Processor E3 -1225 V5 (Quad core 3.3 GHz,8 MB Cache, l6 GB 2133 DDR4 RAM, 1 TB SATA 7200 RPM, l6X Half Height DVD +/- RW, NVIDIA Quadro K420 2 GB Graphics Card. These Workstations are meant specifically for running ANSYS software.

A dedicated Watch Guard (Firebox M500) is installed in our institution with throughput of up to 8 Gbps to keep traffic moving. This is specifically engineered for mid-sized and distributed enterprises that are struggling to effectively and affordably secure networks in the face of explosive growth in bandwidth rates, encrypted traffic, video use and connection speeds. With an operating system built on the latest generation of processors from Intel, the M500 can run all of their security scanning engines in parallel, ensuring efficient networking never has to compromise network security for performance.

The institution provides 32 Laser (Black and white) printers and 1 color printer which are used to carry out all printing works. In addition to LASER printers 06 numbers of LINE printers in ECE, IT, MCA, CSE and CC1 departments are available. These printers are specifically meant for students LAB use alone.

File Description	Document
Upload any additional information	[View Document](#)

4.3.2 Student - Computer ratio (Data for the latest completed academic year)

Response: 1.87

File Description	Document
Upload any additional information	[View Document](#)
Student – computer ratio	[View Document](#)

4.3.3 Bandwidth of internet connection in the Institution

Response: A. ?50 MBPS

File Description	Document
Upload any additional Information	[View Document](#)
Details of available bandwidth of internet connection in the Institution	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)

Response: 27.52

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

2020-21	2019-20	2018-19	2017-18	2016-17
323.75	147.43	220.37	114.75	74.72

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	[View Document](#)
Audited statements of accounts	[View Document](#)

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

Response:

The Institution has systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

General Procedure to carry out the maintenance work in the college

1. The HOD/Section in-charge submits a proposal about the work to be carried out to the Managing Trustee through the Principal and seeks approval of the work and permission to collect the quotation from the vendors or service providers.
2. The quotations are collected and the comparative statement is prepared by the HOD/Section in-charge and submitted to the Managing Trustee through the Principal to finalize the work order.
3. The Managing Trustee calls the vendors or service providers during his visit to the college or authorize Principal to negotiate and finalize the work with a particular vendor or service provider based on the cost and quality of work.
4. The work is allotted to a particular vendor or supplier and progress of the work is monitored by the HOD/Section in-charge.
5. Based on the payment terms, the amount is paid to the vendor or service provider through cheque or online.

Maintaining Physical facilities: The physical facilities like all infrastructural facilities are maintained by a Civil Engineer available in the campus. The technicians like carpenters, welders and plumbers available in the college laboratories are utilized. Civil maintenance works are outsourced.

Electrical and UPS maintenance: Mr N. Sivasankar, AP in EEE department is in-charge of maintaining the electrical appliances and UPS in the college. He is supported by an electrical supervisor, electrical safety officer both of them are C-certificate holders and four electricians B-license. The generators, HT transformers and hydraulic elevators are maintained by this crew as per the Tamil Nadu Electricity Board (TNEB) regulations. The TNEB authorities visit the college periodically to monitor the adherence of the regulations.

Academic and support facilities: The various academic and support facilities are maintained by the in-charges and supporting staff members as listed below.

Laboratories: The HOD supported the lab in-charge and technician available in the department.

Computers: Dr G. Nandhakumar Professor in CSE department is the computer center in-charge supported by three technicians to address the maintenance work in college server and network or software problems in the computers in various departments and other administrative sections. Every computer lab has one technician to maintain the computer locally.

LCD Projectors: Dr. J. Kingston Barnabas. Asso. Professor in the Mechanical Engineering department is in-charge of maintaining LCD projectors available in the class rooms and seminar halls supported by a technician.

CCTV network: Mr Karthikeyan AP in EEE department is in-charge of maintaining the CCTV network available in college supported by a technician.

Library: Dr. K. Kannan is Professor in-charge of library and a Librarian and Assistant librarian are available in the library to maintain the library in terms of purchasing books, subscribing journals, e-

journals, periodicals etc., AutoLib library automation software is available in the library for administration.

Sports Complex: The sports facilities like games court, gymnasium and indoor stadium are maintained by the Physical Director supported by a marker.

General maintenance: The general maintenance team consists of cleaners, gardeners, and sweepers with a supervisor. They take care of cleaning the class room and other academic facilities and toilets and maintain the garden with proper watering.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

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

Response: 0

5.1.1.1 **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
upload self attested letter with the list of students sanctioned scholarship	[View Document](#)
Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)	[View Document](#)

5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 0

5.1.2.1 **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Upload any additional information	[View Document](#)
Number of students benefited by scholarships and freeships institution / non- government agencies in last 5 years (Date Template)	[View Document](#)

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

> 1. **Soft skills**
> 2. **Language and communication skills**
> 3. **Life skills (Yoga, physical fitness, health and hygiene)**
> 4. **ICT/computing skills**

Response: C. 2 of the above

File Description	Document
Details of capability building and skills enhancement initiatives (Data Template)	[View Document](#)
Link to Institutional website	[View Document](#)

5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

Response: 0

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

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	[View Document](#)

5.1.5 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

1. **Implementation of guidelines of statutory/regulatory bodies**
2. **Organisation wide awareness and undertakings on policies with zero tolerance**
3. **Mechanisms for submission of online/offline students' grievances**
4. **Timely redressal of the grievances through appropriate committees**

Response: B. 3 of the above

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

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 27.42

5.2.1.1 **Number of outgoing students placed year - wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
146	189	63	82	94

File Description	Document
Upload any additional information	View Document
Self attested list of students placed	View Document
Details of student placement during the last five years (Data Template)	View Document

5.2.2 Average percentage of students progressing to higher education during the last five years

Response: 7.49

5.2.2.1 **Number of outgoing student progression to higher education during last five years**

Response: 43

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education (Data Template)	View Document

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 19.31

5.2.3.1 **Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations,** *etc.***)) year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
5	1	1	1	1

5.2.3.2 **Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
39	17	4	35	2

File Description	Document
Upload supporting data for the same	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	View Document

5.3 Student Participation and Activities

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

Response: 0

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

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year	[View Document](#)
e-copies of award letters and certificates	[View Document](#)

5.3.2 Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities following duly established processes and norms (student council, students representation on various bodies)

Response:

The Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities as listed below:

Administrative activities

- **Class committee:** As per Anna University regulation, each class has a class committee consisting of a chairman (the class coordinator), the faculty members teaching the theory and practical courses to the class and four student representatives. The student representatives are selected with equal representation from academically above average, average and below average and equal representation from both genders. The students can express their difficulties in academic and non-academic matters which are recorded and rectified at the earliest.
- **Class representatives:** Each class has two class representatives to monitor the progress of syllabus completion and report to the HOD periodically.

Co-curricular activities

- **Department Functions:** The students take up active roles in various department functions like conducting seminars and symposiums. The various committees for the department functions are headed by a faculty member and student representatives. The student plays an active role in conducting and managing a particular event or activity. This is an example of participative management.

Extra-Curricular activities

- NSS/YRC and RRC Activities: National Service Scheme supported by Anna University, Youth Red Cross and Red Ribbon Club are available in the college. All of them are headed by a faculty member with student representatives from all the programs. The NSS, YRC and RRC conduct various socio-cultural activities inside the college and nearby villages. Students of NSS, YRC and RRC take up very active roles in conducting the activities.
- In addition students take active participation in Anti-ragging squad, EDC, Green army and department clubs

File Description	Document
Upload any additional information	View Document

5.3.3 Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 4.4

5.3.3.1 **Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
3	2	3	3	11

File Description	Document
Report of the event	View Document
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template)	View Document

5.4 Alumni Engagement

5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

The Alumni Association of Anjalai Ammal Mahalingam Engineering College (AAMEC) closely works with AAMEC and provides dedicated support in all activities of AAMEC.

The Alumni Association contributes significantly to the development of the institution through non-financial means for welfare of the students.

Non-Financial Contributions of alumni

- Short Courses on Soft Skills, Spoken English, Personality Development and skills to face Interviews, Resume Writing, Elementary Computer Courses, TALLY ERP 9,
- Conducted advanced computer courses on Networking regularly to AAMEC students
- AAMEC Alumni helps in placement of AAMEC graduates.
- Acted as External expert review the UG project work and guide them with latest tools.
- Deliver invited talks, guest lectures and seminars to the students.
- Provide counseling to students for employment.
- Actively help in organization and management of extensive outreach activities of the Institute.
- Serve as role models for students through distinguished services in different fields of service.
- Helped in organizing Alumni Convention events.

File Description	Document
Upload any additional information	View Document

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

Response: E. <1 Lakhs

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of and in tune with the vision and mission of the institution

Response:

Presently, the Institution is governed by Justice A. Ramamurthy, Retired Judge, Madras High court as the Managing Trustee and members of the Mazdoor Welfare Trust. The members of trust are Thiru C.A. Rajasridhar, Thiru N.Kannaiah, Tmt. N.T. Selvarani, Tmt N.V. Devi and Tmt N. V. Usha. The meeting of the trust board is conducted periodically with a proper agenda circulated to the members well in advance. However, the Managing Trustee is empowered to decide important matters regarding development of the institution and welfare of the staff members. The Governing council of the institution is constituted as per the guidelines of Anna University and a meeting of Governing Council is held with a specific agenda circulated well in advance among the members. The agenda includes the achievements of the college in the previous years and future plans and development activities. There are experts available from academic institutions and industries. The resolutions of the Trust board and Governing Council meeting are implemented by the Principal with the guidance of the Managing Trustee.

Governance in accordance with Vision and Mission of the institution

Vision and Mission Statements	Achievement so far	
Mission 1: Facilitating high quality technical education through adequate infrastructure and eminent faculty members.	The institution is well known for its infrastructure facilities.	
Mission 2: Providing technical education to rural youth. Promoting research and development activities.	Majority of the students admitted in the institution are from and parents of the students are mostly farmers. Nearly 40 first graduates. The institution is promoting research activities. Out members 37 are with PhD qualification and 36 are pursuing	
Mission 3: Developing industry institution interaction and inculcating a spirit of entrepreneurship through sustained efforts.	An active entrepreneurship cell is available in the college installed in the college have been manufactured by entrepreneurship cell.	
Mission 4: Creating global environmental awareness among the students	Environmental awareness is created among the Environmental club.	
Vision: To become a centre of excellence by imparting high quality technical education, and produce competent engineers with ethical, environmental and social values.	The institution is through its sustained efforts march achievement of its vision "to become a centre of excellence	

The Governance for the development of institution

1. The HOD/Section in-charge submits a proposal for the development in the department to the Managing Trustee through the Principal and seeks approval of the work and permission to collect the quotation from the vendors or service providers.
2. The comparative statement of quotations is prepared by the HOD/Section in-charge and submitted

to the Managing Trustee through the Principal to finalize the work order.

3. Managing Trustee negotiates and finalize the work order.
4. The work is allotted to a particular vendor or supplier and progress of the work is monitored by the HOD/Section in-charge.
5. The amount is paid to the vendor or service provider through cheque or online.

File Description	Document
Upload any additional information	[View Document](#)

6.1.2 The effective leadership is visible in various institutional practices such as decentralization and participative management

Response:

The Institution has eight Heads of the Department and section heads like Transport Coordinator, Training and Placement Officer, NSS coordinator, YRC coordinator, Physical Education Director, Librarian, Computer Centre In-charge, UHV Coordinator etc., The Institution encourages decentralization and participative management for its growth and development. All the HODs and section heads are responsible for development of the departments and the institution as a whole as per the regulations of Anna University and AICTE. They consult the Principal for any requirement due to development or maintenance of the department and section and submit detailed reports and requirement to the Managing Trustee with proper recommendation and approval of the Principal. Based on the requirement the Managing Trustee approves the proposal and work is carried out by HODs and coordinators. This is an example of decentralization of power. HoD's meetings are conducted periodically with specific agenda on academic and non-academic matters. All the HOD's freely express their opinions regarding the point of discussion and the decisions are made collectively. This is an example of a participative management system. The minutes of HOD's meetings are recorded and circulated for implementation.

File Description	Document
Upload any additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

The institution strategically plan all the academic, Admission, Examination, Training and Placement activities and deployed to the respective incharges. The following activities are examples of strategic and perspective planing and deployment in the Institution.

ICT Academy Membership and Activities:

The Insitution is member of ICTACADEMY from 2010. Recently, the Institution become Associate Member of ICTACADEMY and the membership is valid till 2025. The benefit of ICTACDEMY are:

- To create set of employable talent pool of students from our institutions through various skill development programs offered by ICT Academy.
- To improve the employability of engineering graduates .The process includes offering training and issuing internationally valid certificates to the final year and pre-final year students (vSphere 6.0, Big data and cloud computing etc.,).
- ICT Academy and our institution has been working together through a seven pillar program in the areas of Faculty Development, Student Skill Development, Entrepreneurship Development, Youth Empowerment, Industry-Institute Interaction, Digital Empowerment and Research & Publications.

Academic Center of IIT BOMBAY:

Anjalai Ammal Mahalingam Engineering College is an approved **Academic Center of IIT BOMBAY– Spoken Tutorial Program** since January 2020. The Program is a part of the National Mission on Education through ICT, MHRD and Govt. of India.

Through this initiative, **1440** Students and **165** Faculty members from different departments were trained on various courses during **January to December 2020** Through Online mode. **2054** Students and **128** Faculty members were trained on various courses during **January to June 2021** through online mode.

E-certificates were issued for the students and faculty members by IIT Bombay Spoken Tutorial – National Coordinator.

Benefits of the Training Courses

- Students can be trained on Industrial Expectations and IIT Bombay Recognized
- Faculty members can also be trained on emerging courses with E-certificates.
- Circuit branch students can be trained on Python, Java, C++ and Linux Courses.
- EEE and ECE Students can be trained on E-Sim, Arduino ,NgSpice, ExpEYES.
- NAAC and NBA proposals are effectively supported by this Knowledge Partner Spoken Tutorial Program.

Unnat Bharat Abihiyan (UBA):

Anjalai Ammal Mahalingam Engineering College is selected as participating college in UBA by Ministry of Human Resource Development, Govt. of India. Dr D. Deepa is the Coordinator of UBA Cell. Through the scheme, the college adopted five villages namely Koyilvenni, Ayyampettai, Athanur, Manlur and Nagar for their development. Initially a fund of Rs 50000 is sanctioned to carry out the developmental activities.

Centre for Science and Technology Capacity Building for Industrial needs selected by Tamil Nadu State Counsil for Science and Technology. Through the centre training programs will be conducted to the students of nearby engineering colleges to prepare them for placement. A fund of Rs 1.5 lakh is sanctioned to carry out the program.

Indian Society for Technical Education: Dr. S. Janani of ECE department is inchrage of ISTE staff and

student chapters. ISTE is actively planning and conducting activities.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.

Response:

The college is governed by the Managing Trustee and the Principal of the college supported by HODs and section heads. The regular academic and administrative activities are monitored by the Principal, HoDs and section heads.

In addition, the other bodies constituted for specific activities are given here under:

Admission Cell: The students in the college are admitted on merit basis under Government and Management quota. An Admission Cell is constituted with one of the senior staff members as the Coordinator and a team of teaching staff as members. The admission cell plans the strategies to monitor the admission of the students admitted under both government and management quota and periodically report to the Principal. The team is responsible to get the approval of admitted students from the Directorate of Technical Education, Chennai and Anna University Chennai.

Training and Placement Cell: The Training and Placement Cell is constituted in the college with a senior faculty member as the Training and Placement Officer and one member from the each department as the Department Coordinator. The T&P Cell plans for various training activities every year and invites the listed companies every year for campus interviews. Also, the team coordinates the Tamil Nadu State Level Placement Program (TNSLPP) conducted by Anna University Chennai and off-campus interviews.

Discipline and Welfare Committee: Discipline and Welfare Committee is constituted in the college as per Anna University guidelines with the Principal as Chairman and senior faculty members as members of committee to monitor the discipline of the students and welfare like Government scholarships, Bank loan arrangements, Railway concessions and bus concessions etc., of the students.

Complaint and Redressal Committee: The Complaint and redressal committee is constituted in the college as per the guidelines of Anna University with a senior lady faculty member as Chairman and faculty members as members.

Minority Cell is constituted to help the minority students in getting the scholarships from minority associations and other government scholarships.

Committee for SC/ST is constituted to help the SC/ST students in getting the government scholarships and

other welfare facilities.

OBC Cell is constituted to help the BC/MBC/DNC students in getting the government scholarships and other welfare facilities.

File Description	Document
Upload any additional information	[View Document](#)
Link to Organogram of the Institution webpage	[View Document](#)
Paste link for additional information	[View Document](#)

6.2.3 Implementation of e-governance in areas of operation

    1. Administration
    2. Finance and Accounts
    3. Student Admission and Support
    4. Examination

Response: C. 2 of the above

File Description	Document
Screen shots of user interfaces	[View Document](#)
ERP (Enterprise Resource Planning) Document	[View Document](#)
Details of implementation of e-governance in areas of operation, Administration etc	[View Document](#)

6.3 Faculty Empowerment Strategies

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

Response:

The various welfare measures for teaching and non-teaching staff members are:

The welfare measures for teaching staff members:

- Faculty members are encouraged to do PhD in their areas of specialization in reputed Universities.
- Faculty members are encouraged to attend the Faculty Development Programs in reputed institutions.
- Faculty members are permitted to avail the loan facilities in the Indian Bank located in the college campus
- Salary advance is sanctioned to faculty members for emergency financial requirement for medical

expenses and family functions and allowed to repay in easy installments.
- All the faculty members are covered under the Group Insurance scheme.
- EPF facility is provided to all teaching staff members

The welfare measures for non-teaching staff members

- Non-teaching staff members are permitted to avail the loan facilities in the Indian Bank located in the college campus
- Salary advance is sanctioned to non-teaching members for emergency financial requirement for medical expenses and family functions and allowed to repay in easy installments.
- All the non-teaching staff members are covered under the Group Insurance scheme.
- ESI and EPF facilities are provided to all non-teaching staff members
- Tuition fee concession is given to wards of non-teaching staff members
- Transport fee waiver scheme is available to the wards of non-teaching staff members

File Description	Document
Upload any additional information	View Document

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 0

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

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

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

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

Response: 4.8

6.3.3.1 **Total number of professional development /administrative training Programmes organized**

by the institution for teaching and non teaching staff year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
0	6	6	6	6

File Description	Document
Upload any additional information	[View Document](#)
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	[View Document](#)

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 21.81

6.3.4.1 **Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
49	38	16	19	32

File Description	Document
Upload any additional information	[View Document](#)
Details of teachers attending professional development programmes during the last five years	[View Document](#)

6.3.5 Institutions Performance Appraisal System for teaching and non-teaching staff

Response:

Annual performance appraisal system is available for the teaching staff members. The appraisal form includes academic achievements like university examination results in the subjects handled, delivery of lecture content, planning of teaching and its effective implementation. The contributions of faculty members in the developmental activities of department and institution are also be considered for the appraisal. In addition to the appraisal form, their achievements in publication in journals, presenting papers in conferences, publication of books, number of workshop/FDP/short term courses attended,

NPTEL courses completed are also considered in the appraisal system. The appraisal forms are submitted to the Managing Trustee with proper recommendation of the Principal every year.

File Description	Document
Upload any additional information	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

Indian Bank is available in the college campus. All the students pay their tuition fee, examination fee etc., in the bank directly. In the college account section an accountant, clerk and cashier are available to monitor the payment by the students. V.N. Govindaraman, Charted Accountant, Thanjavur is the auditor of the institution. The account statements and vouchers are prepared by the college staff members as per the instructions of the auditor. The financial account is audited regularly. A team of people from the office of the auditor visits periodically to audit the account statements and to consolidate the account details. After consolidating the account details, the auditor discusses the details with the Managing Trustee. Then, the income tax return is filed and the final audited statement is submitted to college.

File Description	Document
Upload any additional information	[View Document](#)

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

Response: 0

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

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	[View Document](#)

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

Response:

The source college fund is the fees collection from students and interest gained from fixed deposits. Students directly pay their fees in the Indian Bank AAMEC branch located in the college campus. For fund mobilization and optimal utilization, internally a team of non-teaching staff members including an accountant, a clerk and a cashier is working under the supervision of the Principal. They manage the college fee collection and purchase bill settlement in the college imprest account. The external audit team verifies the account and completes filing income tax formalities. A member from the external audit team visits the college once in a week and verifies all the account statements and vouchers and advises the internal members when ever required.

File Description	Document
Upload any additional information	[View Document](#)

6.5 Internal Quality Assurance System

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

Response:

Internal Quality Assurance Cell (IQAC) was constituted in the Institution on 04.02.2019 as per the guidelines of UGC. Dr. S.N. Ramaswamy, Principal is the Chairman and Dr. K. Kannan, Professor Mechanical Engineering is the Coordinator of IQAC. The objectives, strategies and functions of IQAC have been informed to all the HODs and faculty members. The members of the committe were identified on 07.02.2019 and circulated to all HODs and members of the committee. The strategies for academic planning and implementation have been informed to the faculty members. The details of the academic audit are informed to the HODs and faculty members.

IQAC has contributed for quality assurance by informing the strategies for academic planning subsequently verified by academic audit. IQAC schedules and conducts the academic audit once in a semester for implementation of course plan and preparation of course end report. The findings of the audit team are informed to Principal and discussed in HODs meetings for improvement. It was decided to apply for NAAC accreditation in September 2019 subsequently the committee has been constituted to prepare and consolidate the documents required for NAAC accreditation.

IQAC has signed an MoU with SASTRA University, Thanjavur for PARAMARSH scheme of UGC and Margadarshan Scheme of AICTE. In the Margadarshan scheme, two guest lectures were arranged for students and one workshop on NBA accreditation for faculty members was conducted on 16 & 17 April 2021. In PARAMARSH scheme one workshop on NAAC criteria and accreditation was conducted for the faculty members on 23.09.2021. The experts for the guest lecture and workshop are from SASTRA University.

The following events were conducted by the internal experts.

- IQAC also conducted a three day workshop on NBA Accreditation and Processes was conducted from 10 to 12, April 2019.
- One day seminar on NBA and NAAC Criteria was conducted on 26.06.2019 for the faculty members.
- Webinar on AICTE Exam reforms policy was conducted on 28.01.2021 from 2.30 pm to 4.00 pm for the faculty members.
- Demonstration on PEO, PO, PSO and CO was held on 15.03.2021

File Description	Document
Upload any additional information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives   )

Response:

IQAC reviews the teaching learning process and learning outcomes periodically by the Academic audit process.

The academic audit is conducted at the end of every semester to monitor the following:

- The preparation of Course Plan which includes course objective, Program outcomes, Program Specific Outcomes, Course Outcomes, Mapping of PO, PSO and CO, Lesson plan, Assessment Plan, Assessment schedule etc.,
- Implementation of the course plan in each semester is verified by the documents maintained by the faculty members. The documents include Attendance Assessment Record, Course file, Question papers as per Examination Reforms Policy, Assignment questions etc.,
- Course End Report prepared for the subject which includes the assessment of Learning Outcomes (Course Outcome), Program Outcomes and Program Specific Outcomes.

On completion of Academic Audit, the audit report is discussed in the IQAC review meeting and minutes is circulated to HODs for further action**.**

File Description	Document
Paste link for additional information	View Document

6.5.3 Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
2. **Collaborative quality intitiatives with other institution(s)**
3. **Participation in NIRF**
4. **any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

Response: B. 3 of the above

File Description	Document
Upload e-copies of the accreditations and certifications	View Document
Upload details of Quality assurance initiatives of the institution	View Document
Upload any additional information	View Document
Paste web link of Annual reports of Institution	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

Our institution conducts every program without gender bias. The Institution gives equal importance to both boys and girls for the program organized. The Institution celebrated Women's Day in the year 2017 in which a debate is conducted with the women faculty members. Also girls were given equal importance for the sports activities. Sports Day will be conducted along with the College Day function and the prize will be distributed for the prize winners.Similarly various sports activities were carried out during the past five years and also sports day was conducted from 2016 – 2019 every year along with college day function.

File Description	Document
Link for specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	[View Document](#)

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

    1. **Solar energy**
    2. **Biogas plant**
    3. **Wheeling to the Grid**
    4. **Sensor-based energy conservation**
    5. **Use of LED bulbs/ power efficient equipment**

Response: D. 1 of the above

File Description	Document
Any other relevant information	[View Document](#)
Any other relevant information	[View Document](#)

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**
- **Liquid waste management**
- **Biomedical waste management**
- **E-waste management**

- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

Solid Waste Management: The solid waste and water from both Boys hostel and Girls hostel are collected and treated in the Sewage treatment plant installed in our campus near college farm. The sewage treatment plant is having the capacity of 200 Liters per Day. The treated water checked for the PH value. The PH values are always around 6. The treated water is then used for irrigation purpose for our college farms.

File Description	Document
Any other relevant information	[View Document]()

7.1.4 Water conservation facilities available in the Institution:

1. **Rain water harvesting**
2. **Borewell /Open well recharge**
3. **Construction of tanks and bunds**
4. **Waste water recycling**
5. **Maintenance of water bodies and distribution system in the campus**

Response: D.1 of the above

File Description	Document
Any other relevant information	[View Document]()

7.1.5 Green campus initiatives include:

1. **Restricted entry of automobiles**
2. **Use of Bicycles/ Battery powered vehicles**
3. **Pedestrian Friendly pathways**
4. **Ban on use of Plastic**
5. **landscaping with trees and plants**

Response: D. 1 of the above

File Description	Document
Various policy documents / decisions circulated for implementation	[View Document]()

7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions / awards
5. Beyond the campus environmental promotion activities

Response: D.1 of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	View Document
Certification by the auditing agency	View Document

7.1.7 The Institution has disabled-friendly, barrier free environment

1. Built environment with ramps/lifts for easy access to classrooms.
2. Divyangjan friendly washrooms
3. Signage including tactile path, lights, display boards and signposts
4. Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

Response: C. 2 of the above

File Description	Document
Policy documents and information brochures on the support to be provided	View Document

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

The institution has made many efforts for socio economic activities. Eye screening camp has been conducted in the year 2018 and in 2019. Also the faculty and student volunteers has visited the orphanage at Thanjavur and gave them the needful. In addition to that, the faculty members and student volunteers visited the Gaja Storm victim place 2018 and gave the cloths and food items. Also, the institution conducted COVID 19 vaccination camp for the benefit of staff and students.

Eye Screening Camp 2017:

An eye screening camp has been conducted by YRC on 14.09.2017 in our college. Doctors from Vasan Eye Care, Thanjavur visited our campus and student volunteers assisted the Doctors. Many students of various departments and faculty members undergone eye check-up and got Doctor's advice.

Eye Screening Camp 2018:

YRC conducted the eye screening camp in our college on 2018 and Doctors from Vasan Eye Care, Thanjavur came to our college. Many faculty members and students took part in that program and got benefited.

Gaja Victims Visit 2018:

Our college faculty members and student volunteers visited the Gaja Victim place, Thopputhurai, Vedaranyam on 28.11.2018. Many faculty members and students gave clothing, groceries and medicine whole heartedly. Those items were distributed to the people those who are affected due to Gaja cyclone.

Sangeetham Training Centre Visit 2019:

YRC has organized a programme to visit the Sangeetham Training centre on 01.02.2019 where mentally retarded children are kept safe and train them to overcome the difficulties. YRC coordinator, volunteer faculty members and volunteer students visited the training centre and helped them.

COVID19 Vaccination Camp 2021:

YRC organized the COVID 19 vaccination camp along with Primary Health Care Centre, Kovilvenni on 18.03.2021 and 19.03.2021. Many faculty members and students got first dose of vaccination.

File Description	Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View Document]()

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

Our college conducted the World Science Day and Engineers Day in order to promote the awareness on values, rights, duties and responsibilities of the Citizens.

World Science Day 2021:

AAMEC celebrated the World Science Day 2021. The Station Plan Coordinator of Needamangalam visited our campus and gave a valuable talk on the topic titled **"Awareness on the Scientific Innovation in the Recent Technology Development"** to the First Year students. In

commemoration of World Science Day 2021, a quiz competition was held on 27.02.2021 at 2 PM. Also a written test was conducted on the same day at 11.30 AM in the PG conference Hall for the first year students. The 12 shortlisted students from the written test were participated in the quiz competition.

Engineer's Day 2021:

AAMEC celebrated the Engineer's Day on 15.09.2021. As a part of NDLI club activities, Dr. V. Helen, Associate Professor, Department of Humanities and Sciences gave a webinar titled "Awareness on values, rights and duties of Engineers as a Citizen" to the first year students.

Universal Human Value Programme:

Three faculty members Dr. R. Karthikeyan, Assistant Professor, Department of English, Mrs. V. Helen, Assistant Professor, Department of Physics and Mr. S. Sivaramakrishnan have been deputed to attend the off-line 7 Days "Faculty Development Program for student induction" at PSG Institute of Technology and Applied Research, Coimbatore from 17.06.2019 to 23.06.2019. They were trained and in turn they trained other faculty members to teach human values to the first year students.

AICTE Conducted the Online Universal human Value Workshop as two slots 24 – 28 August 2020 and 21 – 25 September 2020. Totally 39 Faculty members from various departments attended the 5 days programme and got their certificate. The trained faculties by the AICTE Workshop were further allotted to give their valuable inputs and resources to the First year students. Separate Time Table for the first year was framed to conduct the bridge course. During the bridge course the faculty members who have attended the workshop shared their knowledge to the first year students.

International Yoga Day:

As per the requirement of AICTE, International Yoga Day has been organized every year on 21st of June. But during the pandemic period, Staff members were given instruction to practice Yoga in their house itself and to send the snapshot of their performance. The same has been uploaded in the AICTE website.

File Description	Document
Link for details of activities that inculcate values necessary to render students in to responsible citizens	[View Document](#)

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

1. The Code of Conduct is displayed on the website
2. There is a committee to monitor adherence to the Code of Conduct
3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

Response: C. 2 of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting number of programmes organized reports on the various programs etc in support of the claims	[View Document](#)
Code of ethics policy document	[View Document](#)

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

Republic Day:

It is the usual practice for AAMEC to commemorate the Republic Day on 26,January every year. On that day all the Teaching and Non-Teaching staff will participate in Rebublic day celebration. Managing Trustee Honourable Justice A. Ramamurthy Retired High Court Judge will hoist the flag. The break-fast will be provided to all the staff members. College buses will be operated in all routes to facilitate the staff members to participate in the celebration.

Independence Day:

Every year the Independence Day will be celebrated in AAMEC on 15 August. Managing Trustee or Principal will hoist the flag. All the Teaching and Non-Teaching staff will be invited to participate in the celebration. After the flag hoisting, break-fast will be provided to all the staff members. College buses will be operated covering all the routes on that day.

File Description	Document	
Link for Annual report of the celebrations and commemorative events for the last five years	[View Document](#)	

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Response:

Best Practice 1

Title of Practice: Publishing Student Project Work in Journal/Conference

Objective of the Practice:

- To inculcate the exposure of recent trends in research and fix the area of work according to their interest.
- To stimulate the students to concentrate on the technical issues in the Engineering field and to provide an optimal solution for the problem.
- To promote more number of projects on latest technologies and to carry out the analysis with latest developed software.
- To motivate the faculty members and students to attend International Conference and to publish their experimental work in the International Journals.

The Context:

There are many real world problems in the Engineering field for which the exposure to the recent trends will provide the faculty members and the students with innovative, creative and optimal solutions. Current trend of methodologies and analysis are much essential to get an optimal solution for the problems defined. Also the obtained result needs to be accepted and to be published by reputed journal for universal value of the project work.

Practice:

AAMEC motivate the faculty members and the students to continue their research work in their specialization. Also management of AAMEC promote the faculty members and students to publish the project work as research article. Students were advised to download at least 15 published articles related to the area of project work. Every batch of students will have minimum of 20 number of hard copies of published manuscript. A separate committee will evaluate the performance of the students as four reviews. In Zeroth review the hard copies of published manuscript on the area of work will be verified and title of project work will be confirmed. In the First review the committee experts will verify the problem definition along with the literature review.

In the second review, the experts will confirm the output of their project work and advise them to prepare the manuscript to be published in the Journal along with project report. In the third review the experts will verify the status of submission of manuscript either to International Conference or to International Journal.

It is insisted to the students to attach the copy of certificate of attending the International Conference or certificate of publishing the manuscript in the International Journal.

This motivation helped many of the students as well as the faculty members to publish their project work in the International Journal/Conference.

Evidence of Success:

Due to the above practice of encouraging the students to publish their project work in the International Journal following are the number of manuscripts published in the past five academic years:

Sl No	Academic Year	Number of Papers Published in International Journals	Number of Papers Presented International Conferences	
1	2020-2021	25	34	

2	2019-2020	5	19	
3	2018-2019	4	16	
4	2017-2018	0	18	
5	2016-2017	2	21	

Problems Encountered and Resources Required:

As our college is affiliated to Anna University, Chennai, we need to strictly adhere to the academic schedule for teaching learning process and for the conduct of Internal Assessment. Hence it is not possible to allot extra hours for training the students to work with newly developed software for modelling and for analysis. Also for the past two years, due to the pandemic, the proper follow up could not be done for 100% achieving the goal.

Best Practice 2

Title of Practice: Developing the graduates as Entrepreneurs

Objective of the Practice:

- To motivate our students and faculty members to attend various workshop on Entrepreneurship organized by MHRD.
- To stimulate the students to show their own manufactured products by conducting exhibition in our campus
- To inculcate the habit of manufacturing their own products

The Context:

Institutions Innovation Council (IIC) as per the norms of Innovation Cell, Ministry of HRD, Government of India has been established on 21st November 2018. MHRD has approved our College as IIC and has given a certificate. On behalf of our College, Entrepreneurship Development Cell (EDC) has registered 110 students from various departments and 07 faculties with MHRD as members.

Practice:

AAMEC always encourage the students and faculty members to be a part of EDC. AAMEC promotes the faculty members and students, the habit of participating in various workshops on Entrepreneurship organized by MHRD. We will arrange exhibition in our college so that the students with talents of manufacturing their own product can show as well as sale their product in the exhibition. Our faculty members and all the students will visit the exhibition and see their manufactured products and if they want they may purchase the product.

Also AAMEC promotes the students with the skill and talents and produce their own product. The college itself purchase their product and use those products in the college itself.

AAMEC motivate the students to participate in manufacturing LED bulbs. Many volunteers will participate in producing LED bulbs. With the guidance of faculty members and technician, the students will produce LED bulbs of various specifications. The manufactured LED bulbs will be transferred to Electrical Department of our college and the same will be used in various locations of college such as Main Block Corridor, Boys Hostel, Ladies Hostel and in College Temple.

This motivation helped many of the students to come with new idea and innovation so that they may become Entrepreneurs in future.

Evidence of Success:

Due to the above practise of encouraging the students to participate in workshops conducted by MHRD, to allow the entrepreneurs to participate in exhibition and to encourage the students to develop their own products following are the evidence of success:

- 15 ED Cell student members have attended one day Workshop (30th November 2019) on "Awareness about Entrepreneurship Development Cell and Innovation" which was conducted by EDII, Government of Tamil Nadu at SASTRA University, Vallam.
- ED Cell student members conducted an Exhibition with their products in AAMEC Campus on 25th September 2019. The Managing Trustee, Principal & HoD's visited and congratulated the students.
- Initially LED lights of 15 W were made in our institution in the month of November 2019 and installed in our college in order to save power. Also due to that cost of the product is very much less compared to purchase from the shop.
- Also further initiatives were taken on 04.09.2021 from EDC for making 22 W LED bulbs and made within the campus by both boys and girls and it was installed in our college. The cost of 22 W branded LED light comes to be Rs. 350/-. But our product after incorporating all the cost comes to be Rs. 210/-.
- AAMEC's annual performance report in "Institution Innovation Council" was announced by IIC-MHRD over the duration of 2019-2020. AAMEC secured 68.3334 out of 100. AAMEC got 2 stars out of 4 and got full star for overall performance in IIC-MHRD activities and got 3 stars out of 5 and also our institution had received the star performance certificate from IIC MHRD.
- On 21st of February 2020, ED cell student members had done "Home Automation using Online Server" by using ESP8266 Wi-fi module and then connected the node MCU with the home appliances and they designed their own application to control the appliances from anywhere in the world.
- ED Cell student members of ECE (2020) batch designed the "Semi-Automatic Egg Incubator" as the EDC activity which can incubate up to 30 eggs and the eggs were successfully hatched and those chicks are live healthy.
- Our ED cell student member (2020) batch had designed the "Automatic Milking machine" which can easily extract the milk from cow automatically.
- ED Cell student members of AAMEC from second and third year had successfully installed CCTV at our institution's rear gate security room.
- Our ED cell student members started the "Phenyl preparation" learned from the seniors and EDC coordinator.
- To be continued from the Phenyl preparation, our ED cell student members Surya Kumar from 2nd year ECE, Mohamed Nizzarudeen from 2nd year Chemical and Mohamed Thanveer from final year mechanical created a "Hand rub" Liquid.
- In order to beware of COVID -19 our college management asked EDC to provide a hand rub for the college purpose. EDC Coordinator and ED cell student member from 2nd year ECE prepared a "Hand rub" and distributed to the all departments on 18th March 2021.
- As a success of EDC, our passed out EDC student Mr. Vimal Raj from EEE department started his own business "Unmarks legal solutions"(GENIGHT) based on the product of electrical equipments.

- A. Mohammad Ismail (2020 Batch) from Chemical Department. He had been in a chemical production field in our AAMEC's ED cell now with his experience in ED cell he got placed in **O'CLOCK (Household Chemical Production company), DUBAI**. He is being both the Entrepreneur and Intrapreneur.
- N.Abitha (2021 Batch) from EEE department. She had made Natural Soaps, Face-wash and Hair Oil. Now she is running her own small scale business with the brand name called "**PIRAI**".
- M. Harshini (2021 Batch) from Mechanical department. She is running her own startup as **Event Management** called "**i made u**" in which she satisfying the customers via her **customized Gifting products**.
- U.Veeramani (2021 Batch) from Mechanical department. He had designed our AAMEC EDC logo and in a turn now he is doing his Logo designing online business in the name of "**VM Designing Hub**" .
- A.Guru Prakash(2021 Batch) from Mechanical department. He had initiated his own online business called **"Pencil Carving is my Hobby"** and he is running it successfully and also he is doing **Mushroom Cultivation** and selling.

- R.Keerthivasan (2022 Batch) from ECE department. He is running **milk society** in his home town and he contributing more than 300 liters of milk daily to **Aavin**.

- J.Samsanthosh Giftson and K.Sideshwaran from ECE department. Both are successfully running their own online Electronics goods sales business called " **Hopestone Shopping**" and "**Hopestone Gifting**".
- M.V. Priyaasri and P.Keerthi (2021 Batch) from ECE department. Both are successfully running their home-made **Glass-Gel Candles and Handcrafted items selling** businesses through online & Offline.

- L. Gladys Saro Sujithra (2021 Batch) from ECE department. She made "**Wire-Grocery Bag**" And selling through online & Offline.

Problems Encountered and Resources Required:

The training hours allotted for EDC is not sufficient to train and to give practice for manufacturing small components. As our college is located in remote area getting raw materials to produce the component is a tough task.

File Description	Document
Link for Best practices in the Institutional web site	[View Document](#)
Link for any other relevant information	[View Document](#)

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Institution Distinctiveness

Title of Practice: Faculty Advisors Scheme for the welfare of students

Objective of the Practice:

- To maintain the entire database of a student in a single record
- To record all the activities of the students month wise and to update their parents
- To give proper counsel and advise to the students as when required.

The Context:

Maintaining of Student records for the students is being followed in our college from the inception of the college. The various details such as cut off mark in the twelfth standard/diploma/qualifying examination, their contact address along with phone numbers, details of hobbies, extra-curricular activities etc., are collected from the students and entered in the student record by the Faculty Advisor.

Practice:

- AAMEC strictly believe on counselling of students to motivate the students and to set them in the right track. AAMEC insists the method of counselling the students by allotting 15 to a maximum of 20 students to a faculty as per AICTE Staff Student ratio. If a student is allotted with a faculty advisor in the third semester, the same faculty will be the faculty advisor till VIII Semester unless or otherwise there is a specific need to change.
- The faculty advisor will closely monitor their wards day wise, month wise and semester wise. If his ward is absent for a particular day, immediately the faculty advisor will make a phone call to their parent and confirm about their absence. Also the faculty will send the letters every month about the progress of their wards like the marks scored in the Continuous Internal Assessment and the percentage of attendance on that month. If the attendance percentage is less than 75%, the faculty advisor will call the parent and request them to meet HoD for proper counselling of students along with parent. After counselling was given to the students along with the parent, signature of parent will be obtained in the student record along with the date of visit to the college.
- The faculty advisor will call individual ward for counselling once in a month and counsel him regarding the attendance, advise him to score high marks in the Continuous Internal Assessment and in University Examination. After counselling him, the ward will sign in the record along with the date of counselling as a proof of evidence.
- Faculty advisor will maintain the University marks scored by their wards and give proper counsel and guidance to the students if they are failed in the subjects. The faculty advisor will guide the wards those who fail to meet the concerned faculty handled the subject and be trained to pass in the forthcoming examination.
- The details of the project work in the VIII Semester are also recorded in the student record along with the name of the supervisor.
- There will be a separate remark area in which the pages will be left blank so that any remarks on

the ward regarding the lack of attendance intimation to parent, any indiscipline action of ward and the intimation to the parent will be as and when updated by the faculty advisor.

- At the end of the semester, the faculty advisor will bring all his student record to HoD and report about the status of his wards and get signature of HoD.
- Also the faculty advisor will identify the special talent in extra-curricular activity of his wards and advise them to join in sports activities. Due to that motivation and encouragement, many students both girls and boys participated in various tournaments. Also they won many medals and prizes.
- If any one student wants to undergo any in-plant training/internship programme, the faculty advisor will recommend him to HoD in the permission letter and get bona-fide certificate from the HoD and give it to his ward to go for the In-Plant Training/Internship.
- As a whole, this faculty advisor system motivates the students to come out of all hindrances of their study and help them to concentrate well on their studies.

File Description	Document
Link for appropriate web in the Institutional website	[View Document](#)

5. CONCLUSION

Additional Information :

The Institution is ISO 9001:2008 certified from 2008 to 2018.

National Board of Accreditation - AICTE accredited 5 eligible programs namely Chemical Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering and Mechanical Engineering in 2002, all the UG programes namely Chemical Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering and Information Technology in 2007 and Electrical and Electronics Engineering and Electronics and Communication Engineering in 2012.

Concluding Remarks :

Since the inception of college, quality technical education is provided to the rural youth in the nearby places. The motto of the college is "Transforming Rural Youth into Technocrats". Earlier the Institution was ISO 2001:2008 certified and NBA accredited. The college is now working on NBA accreditation also. As the institution is offering quality technical education, NAAC accreditation will help the institution to improve further to sustain the quality education in the Institution.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.1.3	**Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years** 1. **Academic council/BoS of Affiliating university** 2. **Setting of question papers for UG/PG programs** 3. **Design and Development of Curriculum for Add on/ certificate/ Diploma Courses** 4. **Assessment /evaluation process of the affiliating University** Answer before DVV Verification : A. All of the above Answer After DVV Verification: B. Any 3 of the above Remark : Observation accepted
1.2.2	**Number of Add on /Certificate programs offered during the last five years** 1.2.2.1. **How many Add on /Certificate programs are offered within the last 5 years.** Answer before DVV Verification: <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>10</td><td>29</td><td>1</td><td>6</td><td>24</td></tr></table> Answer After DVV Verification : <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>4</td><td>6</td><td>1</td><td>1</td><td>3</td></tr></table> Remark : Observation accepted
1.2.3	**Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years** 1.2.3.1. **Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years** Answer before DVV Verification: <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>527</td><td>726</td><td>47</td><td>302</td><td>1187</td></tr></table> Answer After DVV Verification : <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>288</td><td>462</td><td>47</td><td>4</td><td>106</td></tr></table>

	Remark : Observation accepted
1.3.2	**Average percentage of courses that include experiential learning through project work/field work/internship during last five years** 1.3.2.1. **Number of courses that include experiential learning through project work/field work/internship year-wise during last five years** Answer before DVV Verification: <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>151</td><td>154</td><td>151</td><td>145</td><td>155</td></tr></table> Answer After DVV Verification : <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td></tr></table> Remark : Observation accepted
1.4.2	**Feedback process of the Institution may be classified as follows:** **Options:** 1. **Feedback collected, analysed and action taken and feedback available on website** 2. **Feedback collected, analysed and action has been taken** 3. **Feedback collected and analysed** 4. **Feedback collected** 5. **Feedback not collected** Answer before DVV Verification : A. Feedback collected, analysed and action taken and feedback available on website Answer After DVV Verification: B. Feedback collected, analysed and action has been taken Remark : Observation accepted
2.4.3	**Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)** 2.4.3.1. **Total experience of full-time teachers** Answer before DVV Verification : 1343.09 Answer after DVV Verification: 1342 Remark : Observation accepted
3.1.1	**Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)**

3.1.1.1. **Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
0	0.225	0.3	0.198	0.1

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

Remark : Observation accepted

3.1.3	**Percentage of departments having Research projects funded by government and non government agencies during the last five years**

3.1.3.1. **Number of departments having Research projects funded by government and non-government agencies during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
0	3	4	2	1

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

3.1.3.2. **Number of departments offering academic programes**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
8	8	8	8	8

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
8	8	8	8	8

Remark : Observation accepted

3.2.2	**Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years**

3.2.2.1. **Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
4	2	5	16	18

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1	0	0	0	0

3.3.1 | **Number of Ph.Ds registered per eligible teacher during the last five years**

3.3.1.1. **How many Ph.Ds registered per eligible teacher within last five years**
Answer before DVV Verification : 5
Answer after DVV Verification: 0
3.3.1.2. **Number of teachers recognized as guides during the last five years**
Answer before DVV Verification : 2
Answer after DVV Verification: 2

Remark : Observation accepted

3.3.2 | **Number of research papers per teachers in the Journals notified on UGC website during the last five years**

3.3.2.1. **Number of research papers in the Journals notified on UGC website during the last five years.**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
38	21	22	29	40

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
14	12	15	17	22

Remark : Observation accepted

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

3.3.3.1. **Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years**
Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
34	46	14	15	9

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
6	5	2	4	4

Remark : Observation accepted

3.4.3	**Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years**
	3.4.3.1. Number of extension and outreached Programmes conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
0	9	13	2	10

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	8	10	2	9

Remark : Observation accepted

3.4.4	**Average percentage of students participating in extension activities at 3.4.3. above during last five years**
	3.4.4.1. Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
0	778	1018	128	853

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	400	495	128	791

Remark : Observation accepted

3.5.1	**Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year**
	3.5.1.1. **Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
118	196	130	68	101

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

Remark : Observation accepted

3.5.2	**Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years**
	3.5.2.1. **Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1	3	0	0	0

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	2	0	0	0

Remark : Observation accepted

4.2.3	**Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)**
	4.2.3.1. **Annual expenditure of purchase of books/e-books and subscription to journals/e-journals year wise during last five years (INR in Lakhs)**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
2.970594	2.54	16.01	11.48	16.16

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17

2.971	2.548	16.01	11.49	16.16

4.4.1	**Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)** 4.4.1.1. **Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)** Answer before DVV Verification: 	2020-21	2019-20	2018-19	2017-18	2016-17
323.75	254.63	270.95	267.98	247.58 | Answer After DVV Verification : | 2020-21	2019-20	2018-19	2017-18	2016-17
323.75	147.43	220.37	114.75	74.72 | Remark : Observation accepted
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5.1.1	**Average percentage of students benefited by scholarships and freeships provided by the Government during last five years** 5.1.1.1. **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)** Answer before DVV Verification: 	2020-21	2019-20	2018-19	2017-18	2016-17
1243	1399	1189	1230	1412 | Answer After DVV Verification : | 2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0 | Remark : Observation accepted
5.1.2	**Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years** 5.1.2.1. **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government**

schemes for reserved categories)

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
5	5	66	51	48

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

Remark : Observation accepted

5.1.3

Capacity building and skills enhancement initiatives taken by the institution include the following

1. **Soft skills**
2. **Language and communication skills**
3. **Life skills (Yoga, physical fitness, health and hygiene)**
4. **ICT/computing skills**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: C. 2 of the above

Remark : Observation accepted

5.1.4

Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
87	83	3	23	48

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

Remark : Observation accepted

5.2.1

Average percentage of placement of outgoing students during the last five years

5.2.1.1. **Number of outgoing students placed year - wise during the last five years.**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
233	337	84	105	138

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
146	189	63	82	94

Remark : Observation accepted

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

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
24	6	3	27	26

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

Remark : Observation accepted

5.3.3	**Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)**

5.3.3.1. Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
3	4	40	45	20

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
3	2	3	3	11

6.2.3	**Implementation of e-governance in areas of operation**

1. **Administration**
2. **Finance and Accounts**
3. **Student Admission and Support**
4. **Examination**

    Answer before DVV Verification : A. All of the above

    Answer After DVV Verification: C. 2 of the above

Remark : Observation accepted

6.3.2	**Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years**

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
50	7	5	2	7

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

Remark : Observation accepted

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

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
0	6	6	6	6

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	6	6	6	6

6.3.4	**Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).**

6.3.4.1. **Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
71	42	18	25	46

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
49	38	16	19	32

Remark : Observation accepted

7.1.2	**The Institution has facilities for alternate sources of energy and energy conservation measures** 1. **Solar energy** 2. **Biogas plant** 3. **Wheeling to the Grid** 4. **Sensor-based energy conservation** 5. **Use of LED bulbs/ power efficient equipment** Answer before DVV Verification : C. 2 of the above Answer After DVV Verification: D. 1 of the above Remark : Observation accepted

7.1.4	**Water conservation facilities available in the Institution:** 1. **Rain water harvesting** 2. **Borewell /Open well recharge** 3. **Construction of tanks and bunds** 4. **Waste water recycling** 5. **Maintenance of water bodies and distribution system in the campus** Answer before DVV Verification : C. 2 of the above Answer After DVV Verification: D.1 of the above Remark : Observation accepted

7.1.5	**Green campus initiatives include:** 1. **Restricted entry of automobiles** 2. **Use of Bicycles/ Battery powered vehicles** 3. **Pedestrian Friendly pathways** 4. **Ban on use of Plastic** 5. **landscaping with trees and plants**

	Answer before DVV Verification : A. Any 4 or All of the above Answer After DVV Verification: D. 1 of the above Remark : Observation accepted
7.1.6	**Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:** 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions / awards** 5. **Beyond the campus environmental promotion activities** Answer before DVV Verification : B. 3 of the above Answer After DVV Verification: D.1 of the above Remark : Observation accepted
7.1.7	**The Institution has disabled-friendly, barrier free environment** 1. **Built environment with ramps/lifts for easy access to classrooms.** 2. **Divyangjan friendly washrooms** 3. **Signage including tactile path, lights, display boards and signposts** 4. **Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment** 5. **Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading** Answer before DVV Verification : B. 3 of the above Answer After DVV Verification: C. 2 of the above Remark : Observation accepted
7.1.10	**The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.** 1. **The Code of Conduct is displayed on the website** 2. **There is a committee to monitor adherence to the Code of Conduct** 3. **Institution organizes professional ethics programmes for students, teachers, administrators and other staff** 4. **Annual awareness programmes on Code of Conduct are organized** Answer before DVV Verification : A. All of the above Answer After DVV Verification: C. 2 of the above Remark : Observation accepted

2.Extended Profile Deviations

ID	Extended Questions
1.1	**Number of students year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1765	2026	2410	2658	2626

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1765	2086	2390	2616	2591

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
128	135	139	164	164

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
128	135	139	164	164

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
627.4	1204	1350.2	1170.6	991.1

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
627.4	627.37	800.46	643.72	435.29