



## YEARLY STATUS REPORT - 2023-2024

### Part A

#### Data of the Institution

##### 1.Name of the Institution

AVANTHI INSTITUTE OF ENGINEERING  
AND TECHNOLOGY

- Name of the Head of the institution **Dr.B. Murali Krishna**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **7997903696**
- Mobile No: **9849202645**
- Registered e-mail **principal@aietta.ac.in**
- Alternate e-mail **iqac@aietta.ac.in**
- Address **Cherukupally Village, Near  
Tagarapuvalasa Bridge**
- City/Town **Bhogapuram Mandal, Vizianagaram  
Dist**
- State/UT **Andhra Pradesh**
- Pin Code **531162**

##### 2.Institutional status

- Affiliated / Constitution Colleges **Affiliated**
- Type of Institution **Co-education**
- Location **Rural**

- Financial Status **Self-financing**
- Name of the Affiliating University **Jawaharlal Nehru Technological University Gurajada Vizianagaram**
- Name of the IQAC Coordinator **Dr.Gandi Satyanarayana**
- Phone No. **9849202645**
- Alternate phone No. **9494451851**
- Mobile **9849202645**
- IQAC e-mail address **iqac@aietta.ac.in**
- Alternate e-mail address **dean.academics@aietta.ac.in**

**3.Website address (Web link of the AQAR (Previous Academic Year))** <https://aietta.ac.in/a/AQAR%202022-2023.pdf>

**4.Whether Academic Calendar prepared during the year?** **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: [https://aietta.ac.in/academic\\_calenders/IAC%202023-24.pdf](https://aietta.ac.in/academic_calenders/IAC%202023-24.pdf)

### 5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 2</b>	<b>A+</b>	<b>3.38</b>	<b>2024</b>	<b>09/03/2024</b>	<b>08/03/2029</b>
<b>Cycle 1</b>	<b>B++</b>	<b>3.0</b>	<b>2018</b>	<b>26/09/2018</b>	<b>25/09/2023</b>

**6.Date of Establishment of IQAC** **01/06/2018**

**7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,**

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
<b>NIL</b>	<b>NIL</b>	<b>NIL</b>	<b>Nil</b>	<b>0</b>

**8.Whether composition of IQAC as per latest NAAC guidelines** **Yes**

- Upload latest notification of formation of IQAC [View File](#)

**9.No. of IQAC meetings held during the year**      **2**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?      **Yes**
  
- If No, please upload the minutes of the meeting(s) and Action Taken Report      [View File](#)

**10.Whether IQAC received funding from any of the funding agency to support its activities during the year?**      **No**

- If yes, mention the amount

**11.Significant contributions made by IQAC during the current year (maximum five bullets)**

The NAAC 2nd Cycle Accreditation process has been completed, including both DVV and Peer Team Visit, and the institution received an A+ Grade with a CGPA of 3.38, Valid up to 08-03-2029

Avanthi Institute of Engineering and Technology is now included under UGC Section 2(f) of the UGC Act, 1956.

The Departments of Computer Science, engineering, and Mechanical Engineering have been recognized as research centers for the academic years 2023-2024 and 2024-2025.

The IQAC has successfully applied for autonomous status to UGC with the approval of JNTU-GV with UGC Autonomous Application Number UGC-AC-AND-00000649

**12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year**

Plan of Action	Achievements/Outcomes
<p>Conduct of academic audit with external experts</p>	<p>Yes. Initiated the academic audit for all program of study as well as the office of the Controller of Examinations. All went well as per the suggested plan providing scope for continuous improvement</p>
<p>Implementation of Outcome Based Education</p>	<p>Yes. 1. Implemented Outcome Based Education in line with Outcome based Accreditation and NEP 2020 and necessary steps are taken to align curriculum design, delivery and assessment 2. The Institution is continuously providing training to the members of faculty creating an OBE eco-system in the campus 3. Strengthened the industry-institution interaction to a greater extent and offered many industry-driven courses to address the one of the main parameters of the outcome based education, SKILL</p>
<p>Leveraging digital learning space for online teaching - learning process</p>	<p>Leveraged the intervention of ICT tools and deployed successfully the Learning Page 4/135 23-06-2023 02:14:22 Annual Quality Assurance Report of AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY Management System (LMS) to a greater extent and moved forward preparing the Institution to be a part of Open Distance Learning (ODL) in the coming years 2. Further, it is helping the institution to transform from brick and mortar classroom model to a digital learning space 3. The institution has prepared video lectures to a volume of ~3 terabyte and stored in cloud</p>

	space for the end users
Purchase of server exclusively for examination branch.	Model :Dell PowerEdge R550 Server(Silver Processor) Components 1x PowerEdge R550 MLK Motherboard, V2 2 x Intel Xeon silver 4310R 2.1G, 12C/24T, 10.4GT/s, 18M Cache, Turbo, HT (120W) DDR4-2666 Additional Processor Selected iDRAC,Factory Generated Password, with Cost Rs. 6,25,400.00
Implementation of Examination Tool Plus	Pre Examination post Examination and Digital Evaluation System, Online Payment for Exam fee Integrated with Gate way with Cost Re.590000/-

**13. Whether the AQAR was placed before statutory body?** Yes

- Name of the statutory body

Name	Date of meeting(s)
Governing Body	11/01/2025

**14. Whether institutional data submitted to AISHE**

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	<b>AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY</b>
• Name of the Head of the institution	<b>Dr.B. Murali Krishna</b>
• Designation	<b>Principal</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone no./Alternate phone no.	<b>7997903696</b>
• Mobile No:	<b>9849202645</b>
• Registered e-mail	<b>principal@aietta.ac.in</b>
• Alternate e-mail	<b>iqac@aietta.ac.in</b>
• Address	<b>Cherukupally Village, Near Tagarapuvalasa Bridge</b>
• City/Town	<b>Bhogapuram Mandal, Vizianagaram Dist</b>
• State/UT	<b>Andhra Pradesh</b>
• Pin Code	<b>531162</b>
<b>2.Institutional status</b>	
• Affiliated / Constitution Colleges	<b>Affiliated</b>
• Type of Institution	<b>Co-education</b>
• Location	<b>Rural</b>
• Financial Status	<b>Self-financing</b>
• Name of the Affiliating University	<b>Jawaharlal Nehru Technological University Gurajada Vizianagaram</b>

• Name of the IQAC Coordinator	Dr.Gandi Satyanarayana				
• Phone No.	9849202645				
• Alternate phone No.	9494451851				
• Mobile	9849202645				
• IQAC e-mail address	iqac@aietta.ac.in				
• Alternate e-mail address	dean.academics@aietta.ac.in				
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://aietta.ac.in/a/AQAR%2022-2023.pdf">https://aietta.ac.in/a/AQAR%2022-2023.pdf</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://aietta.ac.in/academic_calenders/IAC%202023-24.pdf">https://aietta.ac.in/academic_calenders/IAC%202023-24.pdf</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	A+	3.38	2024	09/03/2024	08/03/2029
Cycle 1	B++	3.0	2018	26/09/2018	25/09/2023
<b>6.Date of Establishment of IQAC</b>			01/06/2018		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
NIL	NIL	NIL	Nil	0	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>			Yes		
• Upload latest notification of formation of IQAC			<a href="#">View File</a>		
<b>9.No. of IQAC meetings held during the year</b>			2		

<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	Yes	
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	<a href="#">View File</a>	
<b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>		
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
<p>The NAAC 2nd Cycle Accreditation process has been completed, including both DVV and Peer Team Visit, and the institution received an A+ Grade with a CGPA of 3.38, Valid up to 08-03-2029</p>		
<p>Avanthi Institute of Engineering and Technology is now included under UGC Section 2(f) of the UGC Act, 1956.</p>		
<p>The Departments of Computer Science, engineering, and Mechanical Engineering have been recognized as research centers for the academic years 2023-2024 and 2024-2025.</p>		
<p>The IQAC has successfully applied for autonomous status to UGC with the approval of JNTU-GV with UGC Autonomous Application Number UGC-AC-AND-00000649</p>		
<b>12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</b>		

Plan of Action	Achievements/Outcomes
<p>Conduct of academic audit with external experts</p>	<p>Yes. Initiated the academic audit for all program of study as well as the office of the Controller of Examinations. All went well as per the suggested plan providing scope for continuous improvement</p>
<p>Implementation of Outcome Based Education</p>	<p>Yes. 1. Implemented Outcome Based Education in line with Outcome based Accreditation and NEP 2020 and necessary steps are taken to align curriculum design, delivery and assessment 2. The Institution is continuously providing training to the members of faculty creating an OBE eco-system in the campus 3. Strengthened the industry-institution interaction to a greater extent and offered many industry-driven courses to address the one of the main parameters of the outcome based education, SKILL</p>
<p>Leveraging digital learning space for online teaching - learning process</p>	<p>Leveraged the intervention of ICT tools and deployed successfully the Learning Page 4/135 23-06-2023 02:14:22 Annual Quality Assurance Report of AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY Management System (LMS) to a greater extent and moved forward preparing the Institution to be a part of Open Distance Learning (ODL) in the coming years 2. Further, it is helping the institution to transform from brick and mortar classroom model to a digital learning space 3. The institution has prepared video</p>

	lectures to a volume of ~3 terabyte and stored in cloud space for the end users
Purchase of server exclusively for examination branch.	Model :Dell PowerEdge R550 Server(Silver Processor) Components 1x PowerEdge R550 MLK Motherboard, V2 2 x Intel Xeon Silver 4310R 2.1G, 12C/24T, 10.4GT/s, 18M Cache, Turbo, HT (120W) DDR4-2666 Additional Processor Selected iDRAC,Factory Generated Password, with Cost Rs. 6,25,400.00
Implementation of Examination Tool Plus	Pre Examination post Examination and Digital Evaluation System, Online Payment for Exam fee Integrated with Gate way with Cost Re.590000/-
<b>13.Whether the AQAR was placed before statutory body?</b>	Yes
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name	Date of meeting(s)
Governing Body	11/01/2025
<b>14.Whether institutional data submitted to AISHE</b>	
Year	Date of Submission
2022	20/03/2024
<b>15.Multidisciplinary / interdisciplinary</b>	
Implementation of R20 Regulations in Line with NEP 2020 The R20 regulations introduced by JNTUK are a progressive step towards achieving the objectives of the National Education Policy (NEP) 2020. These regulations emphasize multidisciplinary and interdisciplinary learning, preparing students for a dynamic and interconnected world. One of the key features of R20 is the	

increased number of open electives, allowing students the flexibility to explore diverse subjects beyond their core discipline. Mandatory courses like "Universal Human Values," "Essence of Indian Traditional Knowledge," "Indian Constitution," and "Environmental Science" have been incorporated to inculcate ethical, cultural, and environmental consciousness among students. A significant addition is the introduction of a credit-based Community Service Project, which fosters social responsibility and enables students to connect academic learning with real-world challenges. Furthermore, the increased number of skill-based courses focuses on enhancing employability and corporate readiness, ensuring students are well-equipped for competitive job markets. To encourage advanced learning, the R20 regulations also introduce Minors and Honors courses. These additions empower students to specialize in niche areas, broadening their knowledge and career prospects. Overall, the R20 regulations embody the essence of NEP 2020 by promoting holistic, flexible, and value-based education, fostering both academic excellence and societal development

#### **16.Academic bank of credits (ABC):**

Advancing Academic Excellence Through the Academic Bank of Credits (ABC) Avanthi Institute of Engineering and Technology has taken significant strides in implementing the Academic Bank of Credits (ABC) initiative, a vital component of NEP 2020. The institute has successfully registered its ABC ID: NAD101516 and created over 1,000 ABC IDs for students, uploading their results and generating digital mark sheets. These efforts demonstrate the institution's commitment to fostering transparency and accessibility in academic records. The integration of ABC ensures that students' academic credits are securely stored and transferable, paving the way for multidisciplinary and lifelong learning. To further enhance their academic journey, the institute has encouraged students and faculty to pursue online courses through platforms like SWAYAM and NPTEL. The results have been remarkable, with many students excelling in these courses and earning elite certifications. While Avanthi Institute has proactively laid the foundation for ABC implementation, it eagerly awaits its affiliated university's development of a robust system to execute the initiative in its true spirit. This step will enable seamless credit transfers and open new pathways for academic mobility and flexibility. By integrating ABC and online learning opportunities, the institution continues to empower its students for greater academic and professional excellence, aligning with the vision of NEP 2020.

**17.Skill development:**

Enhancing Student Development Through R20 and R23 Regulations

Avanthi Institute of Engineering and Technology has been steadfast in its mission to ensure the holistic development of its students since its inception. In line with the R20 regulations, the institute has introduced several initiatives aimed at enhancing students' skills and preparing them for the challenges of the modern world. To equip students with practical knowledge and industry-relevant skills, the institute has organized various Skill Development Programmes. These initiatives provide students with opportunities to attain expertise in emerging technologies and domains, fostering employability and innovation. Mandatory courses like "Universal Human Values," "Professional Ethics," "Essence of Indian Traditional Knowledge," and "Environmental Science" have been integrated into all engineering programs. These courses address critical societal issues such as gender equality, sustainability, human values, and ethics, nurturing socially responsible professionals. Additionally, open electives such as Disaster Management and Non-Conventional Energy Resources focus on environmental awareness and sustainable practices. These subjects empower students to contribute meaningfully to addressing global environmental challenges. To supplement the prescribed curriculum, the institute also offers Value-Added Courses, ensuring students are equipped with additional competencies beyond traditional syllabi. Through these multifaceted initiatives, Avanthi Institute continues to uphold its commitment to academic excellence and the overall development of its students.

**18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)**

Promoting Values and Cultural Heritage at Avanthi Institute of Engineering and Technology

Avanthi Institute of Engineering and Technology upholds the philosophy of "well-being for all" by fostering a culture of harmony, ethical behavior, and continuous fulfillment. Through its emphasis on right understanding and living in harmony, the institute instills moral and ethical values that empower students to approach issues with empathy, tolerance, and integrity. This approach prepares them to address challenges such as cheating, violence, and environmental concerns while fostering qualities like equality, empathy, and compassion. Rooted in the ethos of Indian traditions, the institute strongly advocates for fundamental values like seva (selfless service), ahimsa (non-violence), swachchhata (cleanliness), Satya (truth), nishkama karma (selfless action), and respect for diversity and

the environment. By integrating these values with human and constitutional principles such as justice, liberty, and fraternity, Avanthi promotes holistic character development. To preserve and celebrate India's rich cultural heritage, the institute has introduced courses like "Universal Human Values," "Essence of Indian Traditional Knowledge," and "Environmental Science" as mandatory subjects. Faculty are encouraged to deliver bilingual lectures in English and Telugu, fostering inclusivity. Additionally, regular yoga classes are conducted to promote physical and mental well-being, connecting students to Indian culture and traditions. Avanthi Institute's commitment to values and culture ensures the holistic growth of its students as responsible citizens and compassionate leaders.

#### **19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):**

Outcome-Based Education at Avanthi Institute of Engineering and Technology Avanthi Institute of Engineering and Technology is committed to implementing an outcome-based curriculum that fosters skill, knowledge, and character competencies. This approach ensures a holistic education aligned with the institution's mission and contemporary demands. The curriculum design begins with the establishment of Program Educational Objectives (PEOs), Program Outcomes (POs), and Program Specific Outcomes (PSOs). These outcomes are meticulously aligned with the Graduate Attributes and Program Specific Criteria prescribed by the Engineering Accreditation Commission (EAC) of ABET. Stakeholder feedback from local, regional, national, and international levels is systematically collected and analyzed to identify gaps, ensuring the curriculum meets diverse needs. The course outcomes for each subject are carefully formulated, considering the cognitive levels outlined in Revised Bloom's Taxonomy. The curriculum adopts multi- and transdisciplinary approaches, promoting critical thinking and problem-solving skills—key elements of outcome-based education. Faculty members are regularly sensitized to outcome-based delivery through workshops and training sessions. The teaching-learning process is enhanced with innovative methods, ICT tools, and customized assessments, including direct and indirect tools with rubrics for non-quantifiable outcomes. Additionally, the institution has established several MoUs with government and non-government organizations to provide industry-based learning, seamlessly integrating real-world applications into the curriculum. This robust framework ensures students graduate as competent, responsible, and industry-ready professionals.

#### **20.Distance education/online education:**

Initiatives Towards Distance and Online Education at Avanthi Institute of Engineering and Technology Avanthi Institute of Engineering and Technology, having achieved an NAAC "A+" grade, is now eligible to initiate distance education and certificate courses as per UGC guidelines. The institution has already begun internal discussions and is meticulously planning to implement this scheme, subject to the necessary approvals from affiliating universities. In alignment with the principles of NEP 2020, Avanthi Institute has adopted innovative practices to promote distance and online education. A robust Learning Management Platform has been deployed, supported by high-speed internet bandwidth to ensure seamless access to educational resources. This infrastructure enables live broadcasting of video content, ensuring interactive and engaging learning experiences for students across geographical boundaries. The institution boasts a team of highly competent faculty skilled in developing content for vocational and skill-based courses. These courses aim to cater to diverse learners, including working professionals and those seeking flexible learning opportunities. The integration of technology and expertise ensures the delivery of quality education, fostering skill enhancement and employability. Avanthi Institute's proactive approach to embracing online and distance education reflects its commitment to expanding learning opportunities and empowering students with flexible, high-quality education tailored to modern academic and industry needs.

### Extended Profile

#### 1.Programme

1.1	561
-----	-----

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	<a href="#">View File</a>

#### 2.Student

2.1	2805
-----	------

Number of students during the year

File Description	Documents
Data Template	<a href="#">View File</a>

2.2	560
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
2.3	640
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1	187
Number of full time teachers during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
3.2	160
Number of Sanctioned posts during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1	69
Total number of Classrooms and Seminar halls	
4.2	104886244
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	581
Total number of computers on campus for academic purposes	

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

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

**Affiliation and Programs:** AIET is permanently affiliated with Jawaharlal Nehru Technological University Gurajada-Vizianagaram (J.N.T.U-GV) and adheres to its curriculum. The college offers AICTE-approved programs:

- Undergraduate: Six B.Tech programs.
- Postgraduate: Five M.Tech, MBA, and MCA programs.

#### Curriculum Delivery and Monitoring

1. IQAC: Ensures instructional standards for quality education and examination systems.

○ Academic Committees:

- Academic Planning and Advisory Committee: Focuses on effective academic planning.
- Institute Academic Committee: Collaborates with department heads to ensure efficient curriculum delivery.

2. Semester Preparation and Planning:

- Academic Calendar: Distributed based on the J.N.T.U-GV calendar.
- Subject Allocation: Based on faculty expertise and prior performance.
- Master Timetable: Created and shared with students for structured learning.
- Lecture-Wise Schedule (LWS): Approved by HoDs and monitored by the IQAC team.

3. Faculty Responsibilities:

- Prepare subject course files, reviewed by HoDs and IQAC, including:
  - Quality Policy, PEOs, POs, PSOs, COs.

- Lesson plans following Bloom’s Taxonomy.
- Mapping of COs to POs, syllabus, and gap analysis with corrective actions.

**4. Infrastructure:**

- Equipped with smart boards and ICT-enabled classrooms.
- Regular monitoring of student attendance and performance.

**Academic and Co-curricular Activities**

**1. Academic Events:**

- Includes seminars, workshops, guest lectures, industrial visits, hackathons, symposiums, and certification courses (e.g., NPTEL, Coursera, Eduskills).

**2. Co-curricular Activities:**

- Tests, practical exams, viva voce, assignments, projects, and group discussions, as outlined in the academic calendar.

**3. Extra-curricular Activities:**

- Social and extracurricular programs aligned with NSS and other institutional bodies.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://aietta.ac.in/naac/naac/1.1.1%20Additional%20information-1.pdf">https://aietta.ac.in/naac/naac/1.1.1%20Additional%20information-1.pdf</a>

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The institution strictly adheres to the academic calendar, including Continuous Internal Evaluation (CIE). The CIE

process is systematically designed and implemented as follows:

**1. Academic Calendar:**

- The academic calendar is aligned with the university's schedule and includes specific dates for all CIE-related activities, such as internal examinations, quizzes, assignments, and lab evaluations.
- As per the University Academic Calendar IQAC Team prepared the Institute level Academic Calendar and department-level academic calendars are prepared concerning department Heads

**2. CIE Components:**

- **Internal Examinations:** Two mid-term exams (MID-1 and MID-2) are conducted as per the calendar.
- **Quizzes:** Regular quizzes (Quiz-1 and Quiz-2) are held to assess students' understanding of the course material.
- **Assignments:** Multiple assignments (1 to 5) are assigned to reinforce concepts and encourage independent learning.
- **Practical and Viva-Voce Exams:** Conducted for laboratory courses to evaluate hands-on skills and understanding.

**3. Monitoring and Evaluation:**

- Students' performance in CIE activities is regularly monitored and analyzed.
- Attendance and participation are tracked to ensure student engagement.

**4. Data Management:**

- Scores and attendance records from CIE are uploaded to the university portal for transparency and further analysis.

**5. Feedback and Action:**

- Feedback from CIE results is used to identify areas for improvement. Based on the analysis, corrective actions, such as remedial classes or additional resources, are implemented.

By strictly adhering to the academic calendar, the institution ensures timely and efficient implementation of CIE, thereby contributing to students' overall academic development and consistent performance evaluation.

File Description	Documents
Upload relevant supporting documents	<a href="#">View File</a>
Link for Additional information	<a href="https://aietta.ac.in/autonomus/acr/B.Teh%20Academic%20Calender-2024-2025.PDF">https://aietta.ac.in/autonomus/acr/B.Teh%20Academic%20Calender-2024-2025.PDF</a>

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

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

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

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

13

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 1.2.2 - Number of Add on /Certificate programs offered during the year

#### 1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

33

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

### 1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

2540

#### 1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

2167

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

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

**Integration of Cross-Cutting Issues in the Curriculum**

The institute follows the curriculum of JNTU-GV, integrating cross-cutting issues like gender, environmental sustainability, human values, and professional ethics. This ensures value-based and holistic student development.

**Professional Ethics & Human Values:** Courses in UG/PG programs instill moral and ethical principles in students, promoting professional responsibility.

**Health & Wellness, Yoga, and Sports:** The first-year B.Tech (R23) curriculum includes yoga and wellness programs to improve physical strength and reduce stress.

**Essence of Indian Constitution and Traditional Knowledge:** B.Tech students study courses on the Constitution of India and Indian Traditional Knowledge, fostering respect for national values and heritage.

**Gender Sensitivity:** The institute offers gender-related courses, free counseling services, and gender sensitization camps addressing rights, justice, and equality. Core courses and outreach programs like health camps and village adoption expose students to real-life scenarios. Events such as seminars and guest lectures enhance gender awareness. The Women Empowerment Cell (WEC) supports equal opportunities for women, with approximately 30% of students and staff being female.

**Environment and Sustainability:** Mandatory Environmental Science courses address sustainability. A 200 KW rooftop solar power plant supports clean energy generation. Optimal transport usage and effective waste management practices further highlight the institute's commitment to sustainability.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	<a href="#">View File</a>

**1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year**

26

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View File</a>
Number of courses that include experiential learning through project work/field work/internship (Data Template)	<a href="#">View File</a>

**1.3.3 - Number of students undertaking project work/field work/ internships**

2666

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

**1.4 - Feedback System**

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni**

A. All of the above

File Description	Documents
URL for stakeholder feedback report	<a href="#">View File</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View File</a>
Any additional information(Upload)	<a href="#">View File</a>

<b>1.4.2 - Feedback process of the Institution may be classified as follows</b>	<b>A. Feedback collected, analyzed and action taken and feedback available on website</b>
---	---

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://aietta.ac.in/naac/naac/1.4.1%20Additional%20Information%202023-2024.pdf">https://aietta.ac.in/naac/naac/1.4.1%20Additional%20Information%202023-2024.pdf</a>

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment Number Number of students admitted during the year

##### 2.1.1.1 - Number of sanctioned seats during the year

990

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

#### 2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

##### 2.1.2.1 - Number of actual students admitted from the reserved categories during the year

396

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 2.2 - Catering to Student Diversity

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

A well-structured academic system is the cornerstone of achieving excellence in higher education. It ensures systematic delivery of quality education while fostering a culture of innovation and continuous improvement. At Avanthi Institute of Engineering and Technology, key academic processes, such as the introduction of multidisciplinary and interdisciplinary courses under R20 regulations, align with the principles of NEP 2020. These efforts enable students to develop holistic skill sets, preparing them for global challenges.

The institution prioritizes transparency and accountability in academic evaluation. The structured schedule of Mid Term Exams (MTEs) and Semester End Examinations, along with the timely provision of question banks, reflects this commitment. Additionally, the dynamic Internal Examination Grievance Cell bridges the gap between faculty and students, addressing issues effectively and enhancing the evaluation process.

Table: Identification criteria of slow learners and action taken

Methodologies To Support Weak Students And Encourage Bright Students

File Description	Documents
Link for additional Information	<a href="https://aietta.ac.in/naac/naac/2.2.1%20Additional%20Information%202023-2023.pdf">https://aietta.ac.in/naac/naac/2.2.1%20Additional%20Information%202023-2023.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
2805	160

File Description	Documents
Any additional information	<a href="#">View File</a>

### 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

Avanthi Institute of Engineering & Technology provides an effective platform for students to develop the latest skills, knowledge, attitudes, and values to shape their behavior correctly. All departments conduct innovative programs that stimulate the creative ability of students and provide them a platform to nurture their problem-solving skills and ensure participative learning. The institute organizes an annual technical fest in which students showcase their learning in the form of innovative projects. Also, students are motivated to participate in inter-college as well as national-level competitions.

Teachers actively use ICT tools for making PowerPoint presentations. Teachers also actively encourage students to take up online MOOC courses that are given credits. In addition to the regular class work teaching methodology.

The institute focuses on the student-centric methods of enhancing the lifelong learning skills of students. Faculty members make efforts to make the learning activity more interactive by adopting the below-mentioned student-centric methods.

1. Experiential Learning

2. Participation Learning

3. Problem-solving methodologies.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://aietta.ac.in/naac/naac/2.3.1%20Additional%20Information%202023-2024%20(1).pdf">https://aietta.ac.in/naac/naac/2.3.1%20Additional%20Information%202023-2024%20(1).pdf</a>

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The institution has adopted ICT mode content delivery, using video presentations, online classes, and NPTEL lectures to enhance teaching-learning methodologies. Faculty members utilize ICT tools, such as PowerPoint presentations, video conferencing, and educational websites, to facilitate better understanding and problem-solving. The institution provides high-speed internet access, high-configuration computers, and technical resources to support effective ICT utilization.

Blended learning, which combines direct mentor-taught interaction with online learning, is implemented through activities like think-pair-share, peer group discussions, and online quizzes. ICT components are embedded in course contents, and students have access to digital libraries, online courses, and online journals. The use of ICT tools enables students to acquire skills in critical thinking, communication, and group dynamics and develops their proficiency in listening, speaking, reading, and writing skills. Overall, the institution's ICT-enabled teaching-learning process supports students' learning and development. Institutions have adopted ICT mode content delivery, using video presentations, online classes, and NPTEL lectures to enhance teaching-learning methodologies. Faculty members utilize ICT tools, The institution provides high-speed internet access, high-configuration computers, and technical resources to support effective ICT utilization.

Blended learning, which combines direct mentor-taught interaction with online learning, is implemented through activities like think-pair-share, peer group discussions, and online quizzes. ICT components are embedded in course contents, and students have access to digital libraries, online courses, and online journals. The use of ICT tools enables students to acquire skills in critical thinking, communication, and group dynamics and develops their proficiency in listening, speaking, reading, and writing skills.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="https://aietta.ac.in/naac/naac/2.3.2%20final.pdf">https://aietta.ac.in/naac/naac/2.3.2%20final.pdf</a>

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

#### 2.3.3.1 - Number of mentors

159

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
mentor/mentee ratio	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

#### 2.4.1 - Number of full time teachers against sanctioned posts during the year

160

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

#### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

##### 2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

21

File Description	Documents
Any additional information	<a href="#">View File</a>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	<a href="#">View File</a>

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

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

776.7

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

## 2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The college ensures a transparent and efficient internal and external assessment mechanism, with a robust grievance redressal system. At the beginning of each semester, students are informed about the academic regulations via the website, emails, WhatsApp, LMS, and the Examination Cell. The college follows the academic calendar provided by the affiliated university. Two mid-exams per subject are held, with invigilators monitored via CCTV. Teachers are not assigned as invigilators, and any issues are reported to the chief superintendent.

The evaluation process follows strict rubrics, with faculty submitting two sets of question papers for HOD selection. Answer scripts are evaluated within 48 hours of collection, and a three-stage verification process is followed. For lab subjects, continuous assessment is based on rubrics. Internal marks for various assessments (assignments, quizzes, labs, projects) are

displayed on notice boards and uploaded to the university portal after verification by the Examination Cell.

For internal exam grievances, students can approach the concerned faculty or higher authorities for resolution within 24 hours. University-level grievances, such as issues with question papers or marks, are addressed by the Examination Cell. Students can request reevaluation or recounting by paying the requisite fee. The college's grievance redressal system is transparent, time-bound, and efficient

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://aietta.ac.in/naac/naac/2.5.1%20additional%20information%202023-2024.PDF">https://aietta.ac.in/naac/naac/2.5.1%20additional%20information%202023-2024.PDF</a>

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

A transparent, time-bound, and efficient mechanism to address internal examination-related grievances ensures fair and swift resolution for students. The process begins with clear communication of grievance policies, which are made easily accessible to all students. Students are informed about the procedures, deadlines, and the specific channels available for filing complaints.

Once a grievance is raised, it is registered through an online portal or physical submission, ensuring transparency in the tracking of the complaint. A designated grievance redressal committee, comprising academic staff and student representatives, is responsible for reviewing the complaint. This committee ensures impartiality and confidentiality throughout the investigation process. The grievance is acknowledged within a specified timeframe, typically within 48 hours, and the committee works to resolve it promptly, often within 7 to 10 days, depending on the complexity of the issue.

The mechanism also includes clear steps for escalation if the grievance is not resolved at the first level, with a higher authority overseeing the process. Regular updates are provided to the student about the status of their complaint, ensuring transparency. Ultimately, this structured approach promotes fairness, reduces the likelihood of recurring issues, and

maintains the credibility of the examination system, fostering trust within the academic community.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://aietta.ac.in/naac/naac/2.5.2%20scanned%20copy.pdf">https://aietta.ac.in/naac/naac/2.5.2%20scanned%20copy.pdf</a>

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The graduate and post-graduate program outcomes have been displayed on the college website. Every department depending on the program they are offering has stated the program's specific outcome. The program outcomes for every course have been clearly stated. These are available on the college website. The course outcome elaborates on the content of the course and the competencies a learner would acquire after successful completion of the course. Along with the course outcomes the learner outcomes are also described.

Whenever the curriculum is revised and depending on the course content the course outcomes are revisited and revised after discussion with the members of the Board of Studies and tabled in the Academic council and governing body meeting for their due approval. During the induction program students are made aware of the POs, PSOs, and COs which are described and available on the college website. In addition, a hard copy of the same is available to every subject teacher to appraise the students about the expected outcome after completion of the course.

The information on PSOs and COs helps students to choose the course that he or she would like to pursue.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://aietta.ac.in/naac/naac/2.6.1%20Additional%20information%202023-2024.PDF">https://aietta.ac.in/naac/naac/2.6.1%20Additional%20information%202023-2024.PDF</a>
Upload COs for all courses (exemplars from Glossary)	<a href="#">View File</a>

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

The attainment of COs is primarily assessed through direct evaluations, including internal and external exams. The college conducts two mid-term exams and two online quizzes during the semester. Additionally, assignments contribute to CO attainment. The mapping of assessments to COs is as follows:

**Exam Name**

**Units Covered**

**COs Assessed**

**Mid1**

Unit 1, Unit 2, Unit 3

CO1, CO2, CO3

**Mid2**

Unit 4, Unit 5, Unit 6

CO4, CO5, CO6

**Quiz1**

Unit 1, Unit 2, Unit 3

CO1, CO2, CO3

**Quiz2**

Unit 4, Unit 5, Unit 6

CO4, CO5, CO6

### Assignments

### Unit-wise mapping

CO1-CO6

The final CO attainment is computed as: Direct Attainment of CO =  $0.3 \times \text{Internal Exams} + 0.7 \times \text{External Exams}$

Overall CO Attainment =  $0.8 \times \text{Direct Attainment} + 0.2 \times \text{InDirect Attainment}$

### Indirect Assessment Tools

Indirect assessment incorporates feedback from multiple stakeholders: students, alumni, parents, faculty, industry representatives, and employers. This feedback complements direct assessment to provide a holistic evaluation of CO attainment and its contribution to POs and PSOs.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://aietta.ac.in/naac/naac/2.6.2%20Additional%20information%202023-2024.pdf">https://aietta.ac.in/naac/naac/2.6.2%20Additional%20information%202023-2024.pdf</a>

## 2.6.3 - Pass percentage of Students during the year

### 2.6.3.1 - Total number of final year students who passed the university examination during the year

516

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://aietta.ac.in/naac/naac/2.6.3%20Additional%20Information.pdf">https://aietta.ac.in/naac/naac/2.6.3%20Additional%20Information.pdf</a>

## 2.7 - Student Satisfaction Survey

**2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)**

<https://aietta.ac.in/naac/naac/2.7.2%20additional%20information%202023-2024.pdf>

## 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 in the institution during the year (INR in Lakhs)**

**3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)**

**13.26**

File Description	Documents
Any additional information	<a href="#">View File</a>
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

**3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year**

**3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year**

3

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://aietta.ac.in/naac/naac/3.1.1%20Additional%20information%202023-2024.pdf">https://aietta.ac.in/naac/naac/3.1.1%20Additional%20information%202023-2024.pdf</a>

### 3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

#### 3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

12

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.2 - Research Publications and Awards

#### 3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

##### 3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

37

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

### 3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

#### 3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

29

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The Avanthi Institute of Engineering and Technology actively conducted numerous extension and outreach programs in collaboration with industries, community groups, and Non-Governmental Organizations (NGOs) through NSS, NCC, Red Cross, and YRC during the academic year 2023-2024. These activities aimed to promote community welfare, enhance awareness, and encourage societal participation. Key highlights of the programs include:

- **Environmental Awareness:** Initiatives like World Environment Day and World Earth Day, with 94 participants) were organized to promote eco-consciousness among students and the local community.
- **Health and Hygiene:** Programs such as Poshan Abhiyan (August 17, 2023, 86 participants) and Free Eye Checkup (February 8, 2024, 200 participants) targeted the improvement of community health and nutrition awareness.
- **Civic Engagement:** Events like the Clean India Program (September 28, 2023, 59 participants) and Keep Vizag Beach Clean (January 24, 2024, 60 participants) aimed to instill a sense of civic responsibility among students and residents.
- **Social Initiatives:** Campaigns such as Beti Bachao Beti Padhao (January 27, 2024, 50k participants) and Say No to Plastic (February 8, 2024, 200 participants) focused on societal upliftment and sustainable living practices.

A total of 18 activities were conducted, involving over 2,000 participants, ensuring meaningful engagement with the community and addressing various social and environmental challenges. These programs effectively aligned with the institution's mission of holistic development and societal contribution. Summary: The programs emphasized awareness, health, education, environmental

conservation, and social responsibility, aligning with the institution's mission to foster holistic development and community engagement.

File Description	Documents
Paste link for additional information	<a href="https://aietta.ac.in/naac/naac/3.3.1%20Additional%20Information%202023-2024.PDF">https://aietta.ac.in/naac/naac/3.3.1%20Additional%20Information%202023-2024.PDF</a>
Upload any additional information	<a href="#">View File</a>

### 3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

#### 3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

8

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year(Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

### 3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year

#### 3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

18

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	<a href="#">View File</a>

**3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year****3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

1901

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

**3.4 - Collaboration****3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year**

115

File Description	Documents
e-copies of linkage related Document	<a href="#">View File</a>
Details of linkages with institutions/industries for internship (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year****3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year**

22

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## 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.

The Institute has a well-maintained, lush green campus spread over 10.5 acres of land with optimal utilization of physical infrastructure for teaching, learning, cultural, and sports activities.

The institution has a spacious library with 150 seating capacity, covering an area of 425 sq. mts. Adequate space is available and allotted for the functioning of various cells. In addition, there are facilities for the functioning of the Placement Cell, Examination Cell, Research and Development Cell, Career Guidance Cell, IQAC Cell, Anti-Ragging Cell, SC/ST Cell, Alumni Association, Innovation and Entrepreneurship Development Cell, and the Intellectual Property Rights Cell, etc.

The institution has 625 computer terminals to inculcate constructive aptitude, computing skills, curriculum, and administrative and research needs. The institute has a separate computer center with internet browsing facilities and a high-speed broadband connection with 150 MBPS speed. The institute focuses on developing good infrastructure, including smart classrooms and well-equipped laboratories.

**Classrooms:** It has a sufficient number of well-furnished, well-ventilated, spacious classrooms equipped with LCD projectors for conducting theory classes. The College has 61 ICT Classrooms, with Multimedia learning facilities in 69.

**Seminar Hall:** The Institute has a seminar hall with a capacity of 500, equipped with Wi-Fi and LAN facilities.

**Tutorial rooms:** Separate tutorial rooms are available on the college campus for tutorial lectures, doubt clarification, and special remedial classes for weak and needy students.

**Laboratories:** All laboratories are well-equipped with state-of-the-art equipment and facilities, established per AICTE norms, providing specialized facilities for teaching, learning, and research.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://aietta.ac.in/naac/naac/4.1.1%20additional%20information%202023-2024.pdf">https://aietta.ac.in/naac/naac/4.1.1%20additional%20information%202023-2024.pdf</a>

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

The Institute, with its compulsory Core Courses and the continuous evaluation scheme, integrates sports and extra-curricular activities as essential components. This is done not only for participation but also for assessment of students.

It has adequate facilities for sports, games, and cultural activities. The total area of sports and games fields is approximately 3.5 acres.

**Sports:**

a) **Outdoor Games:** A spacious playground is available for outdoor games like cricket, football, volleyball, basketball, badminton, etc.

b) **Indoor Games:** The institute also has an indoor area for playing chess, table tennis, carom and badminton, etc.

**Gymnasium:** The institute has a gymnasium facility for students to strengthen their physical & mental abilities.

**Auditorium:** the college has an auditorium spread over 20,000sq. Meters with 2000 capacity.

**Cultural activities:** The students are encouraged to participate and arrange various cultural activities to cultivate team spirit,

and organizational abilities and bring out hidden talents among students. Every year, an annual event Youth Fest is conducted.

**Communication Skills:** A language laboratory is available for the students to provide an environment that enables all students to practice their listening and speaking skills concurrently.

**Health and Hygiene:** The College maintains a medical center with a doctor to treat the students and staff or any health problems. The in-house team of housekeeping staff is appointed for the day-to-day cleanliness and maintenance of the premises.

**Yoga Center:** The college has provided the Yoga Center which helps students to maintain good health, and possess mental and emotional stability.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://aietta.ac.in/naac/naac/4.1.2%20Additional%20Information%202023-2024.pdf">https://aietta.ac.in/naac/naac/4.1.2%20Additional%20Information%202023-2024.pdf</a>

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

61

##### 4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

61

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://aietta.ac.in/naac/naac/4.1.3.Additional%20Information.pdf">https://aietta.ac.in/naac/naac/4.1.3.Additional%20Information.pdf</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

**4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)**

33824020

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

**4.2 - Library as a Learning Resource****4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

The Central Library's main goals are to make material easily accessible to its users in a networked environment and to establish itself as a leading learning resource center for engineering, science, and technology, as well as allied fields. The library is automated with Software for University Library (SOUL 2.0 Version) software for easy transaction and circulation of books through Bar-coded ID cards. The library has 15 Computers 150 Mbps internet facility, a printer, and 1 Xerox machine. Users can access online information about the availability of books OPAC features that are active in library information management reflect databases to users around the world using internet facilities. Users can search a document, confirm its availability, reserve the book, and even issue/return the material, etc. With the growth of computer networks, users can access the library OPAC resources can be accessed through Wi-Fi on the campus.

Articles can be downloaded by the users from the e-journals by using their user id and password allotted by the institution. It provides for academic and research work in the college. Textbooks, reference books, and other general materials were included. Additionally, the college subscribes to peer-reviewed journals from different national and international publishers. The library also subscribes to 88 periodicals and more than 22928 e-journals, maintains a separate reference section with Handbooks and General Knowledge books, supports departmental libraries, and uses an open access system that encourages users to browse freely in the stack area.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://aietta.ac.in/naac/naac/4.2.1_ADI.pdf">https://aietta.ac.in/naac/naac/4.2.1_ADI.pdf</a>

**4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources**

**A. Any 4 or more of the above**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)**

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

**1222831**

File Description	Documents
Any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

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

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

**462**

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

### 4.3 - IT Infrastructure

#### 4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The Centre for Technical Support (CTS) upholds the rules governing the use of AIET computer and IT communication tools. IT policy ensures compliance through an annual review of policies and audits. Every member of the AIET (A) community must adhere to these rules, with violations leading to disciplinary actions, including expulsion or termination.

AIET (A) retains the right to interpret, modify, or remove policies as necessary for effective administration.

#### Need for IT Policy

The IT policy guides acceptable and unacceptable behavior, assisting organizations, departments, and individuals in adhering to institutional regulations. These policies promote compliance and cover various areas, including:

- Acceptable Use Policy
- Hardware and Software Procurement Policy
- IT Hardware Installation Policy
- Software Installation and Licensing Policy
- Network Use Policy
- Email Account Use Policy
- Website Hosting Policy
- Database Use Policy

This policy applies to resources managed by central administrative departments like libraries, computer centers, laboratories, and offices. It extends to privately owned computers connected to the campus network.

#### Stakeholders and Resources

The policy applies to all AIET(A) stakeholders, including students (UG/PG), faculty, administrative staff, higher authorities, guests, and authorized visitors. Covered resources include

wired/wireless networks, internet access, official websites and email services, computing devices, printers, scanners, and multimedia content.

Violations of any provision may result in disciplinary actions as deemed appropriate by the administration. This ensures responsible use of IT resources to maintain institutional integrity.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://aietta.ac.in/naac/naac/4.3.1%202023-24%20SYSTEM%20DETAILS.pdf">https://aietta.ac.in/naac/naac/4.3.1%202023-24%20SYSTEM%20DETAILS.pdf</a>

#### 4.3.2 - Number of Computers

581

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Student – computer ratio	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

##### 4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

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

44683615

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts.	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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.

Avanthi Institute of Engineering and Technology (Autonomous) College's teaching, learning, and research programs are supported by a robust infrastructure. The Institute has a well-established system for maintaining its labs, classrooms, equipment, and computers.

#### Maintenance of Classrooms, Furniture, and Laboratories:

- The personnel, attendants, and heads of the Department of each department maintain the classrooms with furniture, teaching aids, and laboratories.
- The lab assistants manage each of their labs. Periodically, the administration receives reports from the heads of each department regarding all maintenance tasks.
- The relevant department's staff keeps an eye on how well the laboratories are being used.
- Throughout the college day, students make the best use of every classroom and are also given instructions on how to maintain the equipment.

#### Maintenance of Physical Facilities:

- Plumbers, electricians, and other support staff maintain the campus.
- The electrical engineer maintains machinery, while support staff manages sewage, drainage, and water plumbing systems.

#### Annual Stock Checking:

Annual stock checking of furniture, lab equipment, stationery facilities, sports items, and all assets and reporting of repairs is done by designated faculty as a year-ending activity, and the consolidated report is submitted to the administration to take up

necessary actions if required.

#### Other Maintenance Activities:

- Seminar halls and auditoria are maintained by civil and electrical engineers and housekeeping staff.
- The computer center maintains the software, antivirus updates, and upgrades.
- The housekeeping team maintains campus cleanliness, and the Physical Director oversees sports equipment maintenance.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://aietta.ac.in/naac/naac/4.4.2%20Additional%20Information(2024-25).pdf">https://aietta.ac.in/naac/naac/4.4.2%20Additional%20Information(2024-25).pdf</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefitted by scholarships and free ships provided by the Government during the year

##### 5.1.1.1 - Number of students benefitted by scholarships and free ships provided by the Government during the year

1739

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefitted by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

#### 5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

##### 5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

221

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills**

**A. All of the above**

File Description	Documents
Link to institutional website	<a href="https://aietta.ac.in/naac/naac/5.1.3%20Additional%20information%202023-2024%20(1).pdf">https://aietta.ac.in/naac/naac/5.1.3%20Additional%20information%202023-2024%20(1).pdf</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

**5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

2384

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

2384

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

<b>5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees</b>	<b>A. All of the above</b>
---	----------------------------

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

## 5.2 - Student Progression

### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

373

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**5.2.2 - Number of students progressing to higher education during the year****5.2.2.1 - Number of outgoing student progression to higher education**

9

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>

**5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)****5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year**

30

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**5.3 - Student Participation and Activities****5.3.1 - 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) during the year****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) during the year.**

9

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

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

Avanthi Institute of Engineering and Technology (AIET) emphasizes stakeholder involvement, particularly students, as crucial contributors to institutional growth. The institute actively involves students in curricular, co-curricular, and extra-curricular activities to develop their leadership, communication skills, and engagement in governance and development processes.

Committees Promoting Student Participation Various committees ensure student involvement in decision-making:

- **Class Committee:** Comprising department heads and student representatives, it meets twice per semester to review academic progress and discuss teaching methodologies.
- **Library Committee:** Involving students and faculty, it convenes once a semester to recommend improvements and resource procurement for the library.
- **Internal Quality Assurance Committee (IQAC):** Incorporates student representation to develop and refine quality management strategies.
- **Anti-Ragging Committee:** A joint faculty-student body that educates the campus community about the consequences of ragging and ensures compliance with anti-ragging laws.
- **Women Development Cell:** Focuses on empowering female students by organizing awareness programs and initiatives.

Skill Development and Societal Engagement Avanthi Institute of Engineering and Technology organizes seminars, workshops, and other co-curricular activities to foster managerial and leadership skills among students. These activities not only prepare students for societal responsibilities but also enrich their academic

experiences by instilling a sense of personal responsibility and growth.

Through inclusive participation and dynamic engagement, AIET nurtures a culture of shared governance, ensuring holistic development for its students while advancing institutional excellence.

File Description	Documents
Paste link for additional information	<a href="https://aietta.ac.in/naac/naac/5.3.2%20Additional%20Information%202023-2024.pdf">https://aietta.ac.in/naac/naac/5.3.2%20Additional%20Information%202023-2024.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

#### 5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

36

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	<a href="#">View File</a>

## 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

The college has a registered alumni association, ATAA (AvanthiTagarapuvalasa Alumni Association), established under the Societies Registration Act, 2001 with Registration No. 181 of 2018. The association maintains an official alumni group with 2,407 registered members to date. It operates independently and organizes meetings as needed, inviting the Principal and senior

faculty members to provide suggestions for the institution's welfare. Additionally, an annual alumni meeting, endorsed by the college, is convened by the Principal, who serves as the chief coordinator. During these meetings, the Principal presents the immediate needs of the college while gathering feedback and suggestions from alumni to drive institutional development. Prominent alumni actively contribute to employment generation by facilitating job opportunities for prospective students. Furthermore, the alumni have made significant contributions in both cash and kind to support departmental and institutional growth. To further enhance their impact, steps are being taken to strengthen the association, encouraging a more active role in the college's overall development. The ATAA continues to foster a sense of community and collaboration, enabling alumni to support the institution through their expertise, resources, and valuable insights, ultimately contributing to its sustained growth and success.

ATAA has a committee that regularly meets and monitors the activities.

File Description	Documents
Paste link for additional information	<a href="https://aietta.ac.in/naac/naac/5.4.1%20Additional%20Information%202023-2024.pdf">https://aietta.ac.in/naac/naac/5.4.1%20Additional%20Information%202023-2024.pdf</a>
Upload any additional information	<a href="#">View File</a>

**5.4.2 - Alumni contribution during the year (INR in Lakhs)**

A. ? 5Lakhs

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## 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

#### Vision, Mission, and Quality Policy of the Institution

**Vision:** To develop highly skilled professionals with ethics and human values.

**Mission:**

1. To impart quality education with industrial exposure and professional training.
2. To produce competent and knowledgeable engineers with a positive approach.
3. Instilling self-confidence in students is an essential prerequisite for facing life's challenges.

**Quality Policy:** Avanthi Institute of Engineering and Technology (AIET) emphasizes ethical ideals and innovative training by providing advanced infrastructure and activity-oriented teaching. Using updated ICT tools, it nurtures engineering acumen among students while ensuring ambitious, responsive administration.

**Governance and Participative Leadership**

**Governing Body (GB):** The GB, constituted as per UGC guidelines, is the highest decision-making body. It includes Management representatives, a Government Nominee, a University Nominee, Industrialists, Educationalists, the IQAC Coordinator, and Faculty members. Strategic plans are prepared through a bottom-up approach involving stakeholders and implemented top-down.

**Institutional Management:** The Principal, supported by HoDs, Finance Officers, and committees, oversees daily functioning. Key committees include Academic Planning and Advisory, IQAC, R&D Cell, Training and Placement Cell, Grievance Redressal Committee, and others, fostering transparency and inclusivity.

**Decentralization and Participative Management:** AIET practices a decentralized mechanism by delegating responsibilities:

- High-Level Committees handle policies, finance, and discipline.
- Middle-Level Committees focus on planning, academics, and co-curricular activities.
- Lower-level committees monitor policies and regulations.

Stakeholders actively participate, with faculty constituting 55%, students and alumni 15%, external members 20%, and management 10%. This collaborative structure ensures academic excellence, innovation, and social responsibility.

File Description	Documents
Paste link for additional information	<a href="https://aietta.ac.in/naac/naac/6.1.1%20Additional%20Information%202023-2024.pdf">https://aietta.ac.in/naac/naac/6.1.1%20Additional%20Information%202023-2024.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

To achieve its short-term and long-term goals, Avanthi Institute of Engineering and Technology (AIET) practices transparent and effective leadership through decentralization and participative management.

#### Short-Term Goals

1. Strengthening the Centre of Excellence (CoE) in Engineering and Technology and establishing more incubation centers and startups.
2. Enhancing Institute-Industry-Alumni interaction to improve placements and internship opportunities.
3. Gaining recognition as a Research Centre by affiliating with relevant authorities.

#### Decentralization and Participative Management

AIET follows a hierarchical structure ensuring leadership at all levels:

- Chairman, Governing Body: Top-level authority responsible for overall governance.
- Director and Principal: Oversee institutional development, academics, career guidance, training, placement, and examinations.
- Heads of Departments (HoDs): Lead department-level academic and administrative activities.
- Committee Coordinators and Stakeholders: Includes statutory and functional committees, student bodies, alumni, parents, and employers.

#### Functional Committees

To streamline operations, the institute has established various committees functioning at the institutional level, including:

1. Governing Body
2. IQAC (Internal Quality Assurance Cell)
3. Research and Development (R&D) Committee
4. Training and Placement Committee
5. Academic Review Committee
6. Grievances and Redressal Committee
7. Anti-Ragging and Internal Complaints Committees
8. Women Empowerment Committee
9. Literary, Cultural, and Sports Committees

**Operational Mechanism**

These committees conduct monthly, quarterly, and yearly meetings to address issues, ensure progress, and resolve problems promptly. This participative governance model empowers stakeholders to contribute effectively to institutional growth and aligns all functions with the institute's strategic vision.

File Description	Documents
Paste link for additional information	<a href="https://aietta.ac.in/naac/naac/6.1.2%20committees%202023-2024.pdf">https://aietta.ac.in/naac/naac/6.1.2%20committees%202023-2024.pdf</a>
Upload any additional information	<a href="#">View File</a>

**6.2 - Strategy Development and Deployment**

**6.2.1 - The institutional Strategic/ perspective plan is effectively deployed**

Avanthi Institute of Engineering and Technology follows a well-defined organizational hierarchy to support clear and reliable decision-making processes. This structure enables the effective functioning of institutional capacity and educational outcomes through various committees.

The institutional management operates transparently, with a hierarchy from top management to the lower levels. Roles, responsibilities, and accountability are clearly defined, ensuring effective teamwork among the Governing Body, Principal, HoDs, teaching and non-teaching staff, and students. The Principal oversees administrative and academic activities, while HoDs exercise autonomy in academic matters, making decisions aligned with institutional goals.

The IQAC plays a pivotal role in formulating strategic plans and proposals for academics, administration, and policy. These are

approved by the Governing Body and reviewed periodically for quality assurance. Various committees implement these plans independently, reporting outcomes to the IQAC.

AIET is committed to quality education by providing excellent infrastructure, fostering a harmonious work culture, and responding proactively to industry and societal needs. The institution complies with ISO 9001:2015 standards and emphasizes continual improvement in its operations.

AIET's strategic plan focuses on:

1. Achieving academic excellence through ICT-enabled experiential learning.
2. Promoting innovation and research addressing societal needs.
3. Strengthening quality assurance systems for institutional effectiveness.
4. Enhancing holistic development through infrastructure, faculty development, and examination reforms.

#### Implementation Highlights

- **PEGA University Program:** Offers certifications enhancing job prospects.
- **Skill Development:** In-house training in C, DS, Python, Java, and communication skills.
- **Placement Training:** Collaborations with reputed institutions like Six Phrase Pvt Ltd and Conduira Pvt Ltd.
- **Mentorship programs** ensure guidance and support for students.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://aietta.ac.in/naac/naac/6.2.1%20Additional%20Information%202023-2024.pdf">https://aietta.ac.in/naac/naac/6.2.1%20Additional%20Information%202023-2024.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

The administration of Avanthi Institute of Engineering and Technology (AIET) follows a structured setup to effectively

implement policies and ensure smooth functioning. The administrative framework is supported by institutional bodies and functional committees.

#### Principal

The Principal serves as the Head of the Institution and is the immediate superior to all staff members. Key responsibilities include:

- Overseeing academic and administrative activities.
- Acting as the primary point of communication with Heads of Departments (HoDs) and parents/guardians.
- Ensuring effective governance with the assistance of the Vice Principal and non-teaching staff.

The Principal's office consists of:

- Administrative Officer and supporting staff responsible for maintaining records, such as admission registers, scholarship accounts, and leave details for teaching, technical, and non-teaching staff.

#### Dean-Academics, COE

Dean Academics, COE, Associate Dean R&D supports the Principal by handling the implementation of academic and administrative issues as directed.

#### Head of the Department (HoD)

The HoD is appointed by the Principal, typically from senior faculty members on a rotational basis for a specified term. A Professor is generally considered for the position. Key responsibilities include:

- Leading departmental academic and administrative activities.
- Ensuring departmental coordination with institutional goals.

#### Administrative Office

The administrative office facilitates:

- Record maintenance for admissions, scholarships, and staff leaves.
- Support for institutional policies and efficient management.

This structured administration, complemented by functional committees, ensures the effective execution of institutional goals and seamless management.

File Description	Documents
Paste link for additional information	<a href="https://aietta.ac.in/naac/naac/6.2.2%20Additional%20information.pdf">https://aietta.ac.in/naac/naac/6.2.2%20Additional%20information.pdf</a>
Link to Organogram of the Institution webpage	<a href="https://aietta.ac.in/about.php">https://aietta.ac.in/about.php</a>
Upload any additional information	<a href="#">View File</a>

### 6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY believes that a satisfied employee is the backbone and an asset of the institute and can make the Institute a productive place, the management has put in several welfare measures and schemes for the faculty, nonteaching staff, and students. The Institution provides effective welfare measures to both Teaching and Non-teaching staff. This ensures their safety, travel reliability, and punctuality on campus. The bus services are also made available for the parents and prospective students who wish to visit the college on request. All statutory welfare measures are implemented and also various monetary and non-monetary measures toward

personal and professional growth are provided to the employees: 1. Employees are covered under EPF. 2. Salaries as per the norms of AICTE. 3 . Registration fees and academic leave for faculty attending conferences, workshops, and FDPs. 4. Free Transport facilities for the teaching and non-teaching staff from various places in Visakhapatnam, Srikakulam, Vizianagaram, etc., 5.Sports, gym, and yoga facilities for staff and students. 6. Incentives for publishing Journals (SCI / Scopus, UGC Care ), Conference papers, Books, Patents, and research work. 7. Group Insurance Facility (Risk Category I and II) 8. Salary advances 9. Promotions 10 . Encouragement for Ph.D. awarded faculty 11.OnDuty leave, Medical leave, and Causal leave are provided for the staff 12 . Maternity leave for Female Staff. 13. Free Medical facility on the campus. 14. Salary enhancement after getting a Ph.D. 15 . Reduction of workload for the faculty during their final submission of the Ph.D. thesis.

File Description	Documents
Paste link for additional information	<a href="https://aietta.ac.in/naac/naac/6.3.1%20Additional%20Information%202023-2024.pdf">https://aietta.ac.in/naac/naac/6.3.1%20Additional%20Information%202023-2024.pdf</a>
Upload any additional information	<a href="#">View File</a>

### **6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year**

#### **6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year**

58

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### **6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year**

#### **6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**

07

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<a href="#">View File</a>
Reports of Academic Staff College or similar centers	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

**6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)**

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

105

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

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

**Performance Assessment and Appraisal System**

Avanthi Institute of Engineering and Technology (AIET) has a structured yearly performance assessment process for teaching and non-teaching staff. This evaluation focuses on three key areas: Teaching, Research, and Services.

#### Annual Appraisal System

A comprehensive appraisal system is in place to ensure faculty achievements remain globally competitive. The appraisal process includes:

- **Self-Appraisal:** Faculty members complete detailed forms assessing their teaching methods, presentation techniques, course delivery, evaluation schemes, academic commitments, and professional development.
- **Student Feedback:** Feedback forms are distributed to students, collected, and scrutinized by the HoD.
- **Departmental Review:** The HoD generates a report based on student feedback and self-appraisals and forwards it to the IQAC for finalization.
- **Principal's Review:** The finalized appraisal forms are submitted to the Principal for further action, including recommendations for promotion, increments, or recognition.

#### Outcome and Impact

- The appraisal outcomes determine professional development contributions and facilitate discussions for improvement through one-to-one meetings with the Principal, Director, or HoD.
- Appraisal results are used to design improvement programs aimed at enhancing staff competencies and academic performance.
- Transparent evaluation practices ensure consistency in promotions, increments, and recognitions.

#### Consistent Development

The performance appraisal system at AIET not only strengthens individual competencies but also contributes to the overall development of the institution by fostering academic excellence and maintaining global competitiveness.

File Description	Documents
Paste link for additional information	<a href="https://aietta.ac.in/naac/naac/6.3.5%20Additional%20Information%202023-2024.pdf">https://aietta.ac.in/naac/naac/6.3.5%20Additional%20Information%202023-2024.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

### Financial Auditing Mechanism

The institute has a robust mechanism for auditing its accounts, ensuring transparency and accountability. Regular internal and external audits are conducted to monitor financial processes, compliance, and efficiency. Observations from these audits are addressed with immediate corrective actions.

### Need for Financial Auditing

1. Monitoring the effectiveness of internal controls and proposing improvements.
2. Evaluating risk management policies and procedures.
3. Examining the efficiency, effectiveness, and economy of operations and processes.

### Internal Audit

- Internal auditors examine transaction records, ensure compliance with institutional management procedures, and assess the effectiveness of internal controls.
- They provide recommendations to improve internal financial systems and procedures.

### External Audit

- Statutory Auditors: Y.S. Reddy & Co., Chartered Accountants, serve as the institution's statutory auditors.
- They conduct audits as per government regulations and ensure compliance with applicable financial standards.
- Audit Focus: External auditors review financial records, confirm transparency, and ensure conformity to accounting

principles on the Balance Sheet and Income & Expenditure Account.

#### Audit Procedure

1. Verification of disbursements supported by appropriate source documents.
2. Timely reconciliation of financial statements, trust accounts, and other records.
3. Ensuring accuracy of income and expenses and evaluating investment returns.

#### Outcome

- External auditors report that the institution's financial statements ensure transparency and compliance with accounting principles.
- The audits reinforce trust in the financial management and support the institute's goal of maintaining financial discipline and operational efficiency.

File Description	Documents
Paste link for additional information	<a href="https://aietta.ac.in/naac/naac/6.4.1%20Additional%20Information.pdf">https://aietta.ac.in/naac/naac/6.4.1%20Additional%20Information.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

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

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

### 6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The institute maintains a transparent and effective financial auditing system, ensuring adherence to regulations and optimal use of resources. The accounts are audited regularly by chartered accountants in compliance with government rules. For additional expenses beyond the approved budget, special sanctions are sought from the management. Both internal and external financial audits for the fiscal year 2023-2024 have been conducted, providing clarity and assurance regarding financial management.

#### Financial Policies and Governance

- The Governing Body of the institute formulates well-defined strategies for financial and infrastructural policies.
- The management ensures efficient and effective utilization of financial resources to support the institute's objectives.

#### Sources of Funds

1. Tuition Fees (Primary Source)
2. JNTU Registration & Infrastructure Fees
3. Affiliation Fees
4. Bus Fees
5. Admission Fees
6. R&D Consultancy Projects
7. Examination Receipts
8. Funds from AICTE

#### Utilization of Funds

- The institute prepares an annual budget to ensure proper allocation and distribution of funds. Each department submits an estimate of its requirements, which is reviewed and discussed under various heads.
- The administration consolidates these requests and allocates funds accordingly.
- Periodic Monitoring: Utilization of funds is monitored regularly, and a final review is conducted at the end of the financial year to assess compliance and efficiency.

This financial structure ensures that AIET's resources are effectively managed, supporting both academic and infrastructural growth.

File Description	Documents
Paste link for additional information	<a href="https://aietta.ac.in/naac/naac/6.4.1%20Additional%20Information.pdf">https://aietta.ac.in/naac/naac/6.4.1%20Additional%20Information.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 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

### Internal Quality Assurance Cell (IQAC) and Its Role in Institutional Development

As per AICTE, UGC, and NAAC guidelines, the Internal Quality Assurance Cell (IQAC) at Avanthi Institute of Engineering and Technology (AIET) is tasked with ensuring continuous improvement in the institution's performance, particularly in academic and administrative processes. The IQAC works as a central body to develop systems for consistent and catalytic improvement, driving quality-related initiatives.

#### Key Responsibilities and Initiatives of IQAC:

- 1. Performance Evaluation and Assessment:** The IQAC monitors and evaluates academic and research programs, ensuring they are relevant, equitable, and align with institutional goals.
- 2. Optimized Teaching and Learning Methods:** IQAC promotes innovative teaching strategies, ensuring they create a student-centric learning environment that meets high academic standards.
- 3. Credibility of Evaluation Procedures:** The cell regularly reviews assessment and examination procedures, ensuring robustness and transparency.
- 4. Support Structure and Services:** IQAC ensures the optimal functioning of support services such as libraries, labs, and student services to provide a conducive learning environment.
- 5. Faculty Development Programs:** The IQAC organizes programs to keep faculty members updated with the latest academic trends

and teaching methods.

**Institutionalized Practices:**

- **Outcome-Based Education (OBE):** The IQAC implements OBE by defining clear learning outcomes, aligning teaching methods with those outcomes, and assessing students accordingly.
- **Campus Recruitment Training (CRT):** The CRT program prepares students with skills in aptitude, communication, and industry knowledge, enhancing employability.

Through continuous monitoring and academic audits, IQAC ensures the institution's ongoing development and quality assurance.

File Description	Documents
Paste link for additional information	<a href="https://aietta.ac.in/naac/naac/6.5.1%20Additional%20Information%202023-2024.pdf">https://aietta.ac.in/naac/naac/6.5.1%20Additional%20Information%202023-2024.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Avanthi Institute of Engineering and Technology has established a robust teaching-learning process that is continually reviewed and improved by the Internal Quality Assurance Cell. The primary goal of the IQAC is to enhance the quality of the educational experience through regular assessments and reforms.

**Institutional Reviews and Teaching-Learning Reforms**

**1. Review of Course Documents:**

- IQAC ensures that all faculty members prepare detailed lesson plans and other course-related documents such as lecture notes. These documents are shared with students to ensure transparency and clarity in the teaching process.
- Class teachers maintain regular communication with students to gather feedback regarding teaching methods

and syllabus coverage, facilitating timely interventions where necessary.

**2. Innovative Teaching Methodologies:**

- IQAC encourages departments to adopt modern and effective teaching approaches such as Participatory Learning, Experiential Learning, Flipped / Blended Learning, and Project-based Learning.
- Faculty are guided to integrate Outcome-based Education (OBE) principles to align teaching strategies with the learning outcomes. These reforms are reviewed at the end of each semester to ensure their effectiveness.

**3. Academic Audits:**

- After the completion of the first Mid Term Examination, faculty members conduct a Mid Marks Analysis.
- For students scoring below 70%, Remedial Classes are held to help improve their understanding of the subjects.
- IQAC conducts regular academic audits to ensure that course delivery meets expected standards. Any non-compliance or areas needing improvement are promptly communicated to the respective faculty members for corrective actions.

These processes ensure that the teaching-learning environment at AIET remains dynamic, student-centered, and continuously evolving to meet academic and industry standards.

File Description	Documents
Paste link for additional information	<a href="https://aietta.ac.in/naac/naac/6.5.1%20Additional%20Information%202023-2024.pdf">https://aietta.ac.in/naac/naac/6.5.1%20Additional%20Information%202023-2024.pdf</a>
Upload any additional information	<a href="#">View File</a>

<b>6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC);</b>	A. All of the above
---	---------------------

**Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://aietta.ac.in/naac/naac/6.5.3%20Additional%20Information%202023-2024.pdf">https://aietta.ac.in/naac/naac/6.5.3%20Additional%20Information%202023-2024.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## **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 year

#### **Gender Equity and Gender Sensitivity at AIET**

Avanthi Institute of Engineering and Technology (AIET) ensures Gender Equity and Sensitization as core institutional values. IQAC and the Women Empowerment Cell (WEC) conduct regular Gender Audits to assess the participation of female students and staff in curricular and co-curricular activities.

Gender Audit The Gender Audit revealed that among 2,805 students, 965 are female, while 67 out of 200 staff members are women. The audit highlighted a need to enhance female participation. WEC proposed actionable measures to address this disparity.

Furthermore, participation in curricular and co-curricular activities showed significant female involvement, with 320 out of 550 participants being women, demonstrating AIET's commitment to Gender Equity.

Gender Equity and Sensitization AIET actively fosters Gender Equity, led by women in key leadership roles, including the Chairperson of the Governing Body. The institution organizes

awareness programs on topics such as safety in social media, hygiene, stress management, and women empowerment. Committees like WEC, Women Grievance Cell, and Redressal Cell safeguard and empower women's rights.

Facilities for Women on Campus AIET provides a safe environment with 24/7 security, CCTV surveillance, common rooms, a daycare center, and medical facilities. The Disha App is mandatory for all, enhancing safety on and off campus. Fire extinguishers, suggestion boxes, and senior faculty counseling further ensure women's well-being.

Through its proactive initiatives, AIET maintains Gender Equity, empowering women and fostering a balanced, inclusive campus culture.

File Description	Documents
Annual gender sensitization action plan	<a href="https://aietta.ac.in/naac/naac/7.1.1%20Gender%20Audit%20and%20Facilities%202023%20-2024.PDF">https://aietta.ac.in/naac/naac/7.1.1%20Gender%20Audit%20and%20Facilities%202023%20-2024.PDF</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="https://aietta.ac.in/naac/naac/7.1.1%20Action%20Plan%20%202023-2024.pdf">https://aietta.ac.in/naac/naac/7.1.1%20Action%20Plan%20%202023-2024.pdf</a>

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment**

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

includes organic materials like food scraps and yard waste, which can break down naturally through biological processes. Non-degradable waste, such as plastics, metals, and glass, does not decompose easily and remains in the environment for extended periods, contributing to pollution.

Liquid waste refers to wastewater, sewage, and other liquids that can be harmful to ecosystems and human health if not treated. Effective treatment systems, like sewage treatment plants, help purify liquid waste before it's released into water bodies.

E-waste, or electronic waste, consists of discarded electronic devices like phones, computers, and televisions. These contain hazardous materials such as heavy metals, and recycling is essential to recover valuable metals and prevent environmental harm.

A water recycling system reuses water by treating and purifying it for various uses, including industrial processes, agriculture, and even potable water. Techniques like filtration, reverse osmosis, and biological treatment are employed to ensure water is safe for reuse, reducing the demand for fresh water and minimizing waste. Recycling water helps conserve natural resources and lowers the environmental impact of water consumption

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="https://aietta.ac.in/naac/naac/7.1.3%20Degradable%20waste%20geotagged%20photos.pdf">https://aietta.ac.in/naac/naac/7.1.3%20Degradable%20waste%20geotagged%20photos.pdf</a>
Any other relevant information	<a href="#">View File</a>

<p><b>7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus</b></p>	<p><b>A. Any 4 or all of the above</b></p>
---	--

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 7.1.5 - Green campus initiatives include

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

- 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**

**A. Any 4 or All of the above**

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

### 7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

**7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities**

**A. Any 4 or all of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment**

**A. Any 4 or all of the above**

**with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (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**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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 200 words).

The college actively promotes ethical, cultural, linguistic, and regional values through various activities involving students, staff, and management. Festivals like Dussehra, Sankranti Sambaralu, Fresher's Day, and Holi are celebrated with great enthusiasm, showcasing traditions and unity, with more than 500 participants for major events.

NSS initiatives, including medical awareness programs, park clean-ups, blood donation camps, and free eye check-ups, aim to develop students' personalities and foster community service. Socio-economic programs like World AIDS Day, Nutrition Day, and "Say No to Plastic" campaigns enhance social responsibility.

National events such as Independence Day, Republic Day, and National Unity Day educate students and staff about their constitutional obligations, with over 250 participants in each event. Linguistic activities, like the elocution competition on "Is Hindi our National Language?", help enhance communication skills, attracting 60 participants.

Additional events, such as World Environment Day and Yoga Day, focus on environmental and personal well-being, contributing to a holistic learning environment. These initiatives create an inclusive atmosphere and strengthen the college's commitment to social, cultural, and national values.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Avanthi Institute of Engineering and Technology conducted several events in 2023-2024 to promote constitutional values, rights, and responsibilities. The Awareness Program on Social Justice (July 10, 2023) engaged 120 participants in discussions on equality, equity, and youth responsibilities. International Yoga Day (June 21, 2023) highlighted mental, physical, and spiritual well-being through yoga demonstrations and interactive sessions. A Character-Building Awareness Program (August 11, 2023), led by Dr. U. Ramu, focused on trustworthiness, respect, and citizenship, engaging 60 students. The Awareness Program on Fundamental Rights (October 18, 2023) educated students at ZPH High School on constitutional rights through interactive sessions. During the Pledge-Taking Ceremony (November 27, 2023), 150 students pledged to uphold constitutional values and integrity. On National Voter Day (January 25, 2024), campus activities and a rally in Chippada Village raised voter awareness. A Certificate Course on Strong Work Ethics (March 2024) equipped MBA students with technical and professional skills. World Human Values Day (April 24, 2024) engaged 90 students in discussions and activities on empathy, integrity, and leadership. These events underscored the institution's dedication to holistic education and fostering societal contributions.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

**A. All of the above**

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals**

**The Avanthi Institute of Engineering and Technology (AIET) commemorated various national and international events during the academic year 2023-2024 to promote awareness, patriotism, and holistic development among students.**

**Key celebrations included World Environment Day (June 5) with tree plantation and awareness rallies; International Yoga Day (June 21) featuring expert-led yoga sessions; and Independence Day (August 15) with flag hoisting and speeches on patriotism. Teacher's Day (September 5) honored educators with felicitation and cultural**

performances, while Engineer's Day(September 15) recognized contributions to engineering through speeches and competitions.

\*Gandhi Jayanti\* (October 2) was observed with a blood donation camp and an awareness rally. National Unity Day(October 31) featured essay and quiz competitions emphasizing Sardar Patel's contributions. The Freshers' Party(November 4) welcomed new students with cultural performances. World AIDS Day(December 1) included an awareness rally on HIV prevention. \*National Mathematics Day\* (December 22) honored Srinivasa Ramanujan with lectures and competitions. \*Republic Day\* (January 26) featured flag hoisting and cultural performances. \*World Health Day\* (April 7) included a health camp for faculty.

Each event fostered student participation, social responsibility, and national pride, reinforcing AIET's commitment to education beyond academics.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

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

### Best Practice 1: Career Advisory and Augmentation Service (CAAS)

Avanthi Institute of Engineering and Technology's Career Guidance, Training & Placement Cell, established in 2018 and regularly upgraded, aims to equip students with essential technical and employment-seeking skills to excel in the competitive job market. The cell fosters strong partnerships among students, faculty, alumni, and industries to support career aspirations.

Key initiatives include:

- **Motivational Sessions:** Conducted by Brahma Kumaris, these sessions focus on stress management, emotional well-being,

and mindfulness. They help students maintain a balanced approach to academics and personal life, enhancing their professional readiness.

- **Skill Development Programs:** Regular training sessions on technical and soft skills to meet industry requirements.
- **Industry Partnerships:** Collaboration with companies for internships, live projects, and campus recruitment drives.
- **Alumni Engagement:** Alumni interactions and mentorship programs to guide students in their career journey.

**Best Practice 2: Grooming Responsible and Socially Conscious Citizens**

The institute promotes responsible citizenship through programs that instill values such as trustworthiness, respect, and fairness. These initiatives aim to create a positive impact on both students and the community:

Key initiatives include:

- **Donation Drive at Amma Nanna Old Age Home:** This program encourages students to empathize with and support the elderly, fostering a sense of social responsibility.
- **Nurture Nature for Your Future Program:** Focused on environmental conservation, this program organizes plantation drives and clean-up campaigns to promote sustainable practices.
- **Awareness Program on Cyber Security:** Educates students about safe online practices, ethical technology use, and the importance of cybersecurity in the digital age.

File Description	Documents
Best practices in the Institutional web site	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.3 - Institutional Distinctiveness**

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The Avanthi Institute of Engineering and Technology (AIET) is a NAAC "A+" accredited institute, affiliated with JNTU-GV, dedicated to providing quality education and holistic development for students. The institution emphasizes academic excellence, achieving an 83.33% student pass rate in 2023-24. Its placement cell collaborates with training agencies like Igurukul and PACE Academy, securing placements for 61.59% of eligible students, with packages ranging up to ₹14 LPA.

AIET fosters research through its R&D center, which is recognized by JNTU-Gurajada, with advanced facilities and doctoral mentors guiding innovative projects. It has also partnered with Pega International and BSNL to enhance skill development and innovation, hosting labs and internships.

Faculty achievements include publishing research papers, books, and securing patents, contributing to academic and professional growth. The institute conducts regular FDPs, workshops on intellectual property rights, and entrepreneurship to enhance capabilities.

Beyond academics, AIET promotes extracurricular activities, with numerous sports and cultural events and NSS initiatives addressing societal challenges. Its commitment to inclusive and innovative education positions it as a center of academic and personal growth, preparing students for success in their careers and community contributions.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.3.2 - Plan of action for the next academic year

1. Implementation of NEP 2020

2. Implementation of Autonomous as per UGC Autonomous 2023 Guidelines

3.. Applying for NIRF Ranking 2025

#### 4. Applying for NBA Accreditation

#### 5. Strengthening Research & Development (R&D)

#### 6. Faculty Development Programs (FDPs)

**Regular Training:** Conduct quarterly FDPs focusing on pedagogical methods and research skills.

**Research Mentorship:** Arrange workshops for improving paper-writing skills and grant proposals.

**Global Exposure:** Facilitate participation in international conferences and programs.

#### 7. Developing an Autonomous Examination section automation software and IT Infra

#### 8. Improving Students' Standards for High-Paying Packages

**Placement Training:** Conduct comprehensive training on technical, aptitude, and communication skills.

**Internship Opportunities:** Partner with leading companies for internships.

**Innovation Hub:** Establish an incubation center to support startups and innovations.

**Global Certifications:** Encourage students to obtain certifications like AWS, Cisco, and Microsoft to enhance employability.

#### 9. Implementation of Indian Knowledge Systems (IKS)

**Courses & Workshops:** Offer courses and workshops on IKS topics like ancient sciences, traditional knowledge, and cultural heritage.

**Cultural Activities:** Organize events and competitions promoting Indian art, literature, and heritage.