**Criterion 1 – Curricular Aspects (100)**

**Key Indicator – 1.1 Curricular Planning and Implementation (20)**

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| **Metric****No.** |  | **Weightage** |
| **QlM** | ***The Institution ensures effective curriculum delivery through a well-planned and documented process.*** **Response :**Alva’s Institute of Engineering and Technology (AIET) is **affiliated to Visvesvaraya Technological University (VTU) and the syllabus is prescribed by the affiliating University**. In line with the syllabus prescribed by the University, the teachers prepare curriculum teaching learning strategies in alignment with the Vision & Mission of the institution. The course feedback analysis from different stakeholders is also considered while preparing the teaching learning strategies. At the beginning of the semester, IQAC of the institute mandates that every department prepare curriculum teaching learning strategies and submit the same for approval and deployment. The Chairman of IQAC (Principal) conducts meetings with the HoDs for delivery strategies and effective implementation of the curriculum teaching learning strategies. The HoDs conduct departmental meetings before semester commencement to formulate a curriculum delivery blueprint which include preparation of lesson plan and classroom presentation (viz., chalk-talk, power-point, videos, student centric tools, ICT and experiential methods etc.). Institute follows calendar of events considering University mandatory academic schedule which is circulated to all departments and students. IQAC ensures the academic activities are executed as per the academic calendar. The curriculum plan (teaching learning strategies, lesson plan) document includes course outcomes (COs), topics to be covered, references, tools, strategies, Information & Communication Tools (ICT) to be employed, field visits and community orientation necessary for each curriculum component. Teachers maintain a course file to record the lesson plan and delivery in each semester. Teachers are encouraged to impart the curriculum through effective teaching methods viz., audio/visual presentations, assignments, workshops, seminars, internships, industrial visits and projects, besides traditional chalk & talk methods. ICT tools enable the teachers to ensure effective delivery of curriculum. Learner centric activities viz., certificate courses and add-on courses are also employed for the effective delivery of the academic courses. Institute encourages students & faculties to participate in Workshops/ Conferences/ Seminars organized by the University and other relevant bodies so as to update their knowledge and to improve the learning practices. Feedback from Students, Teachers and Alumni on curriculum is taken at the end of the semester and is given due importance for continuous improvement in curriculum plan and delivery. IQAC monitors and ensures the suggestions received from the feedback regarding curriculum and are implemented considering the University syllabus by incorporation of content beyond syllabus.

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| **File Description** | **Document** |
| Additional information | [VIEW DOCUMENT](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.1.1/1.1.1%20-%20Claim%20Sheet%204-02-2022.pdf) |

 | **10** |
| **QlM** | ***The institution adheres to the academic calendar including for the conduct of CIE.*****Response:**Institute’s IQAC mandates each Department to prepare Strategic Perspective Plan (SPP) in sync with the Academic Calendar, provided by the affiliating University, i.e., Visvesvaraya Technical University (VTU). Accordingly, HoDs convene departmental meeting to guide the faculties to gather inputs for preparation of SPP. The SPP of all the Departments are combined by IQAC, to chalk out the overall SPP of the institution and its deployment strategies for quality achievement, sustenance and enhancement. IQAC ensures SPP of the institution is in sync with the University Academic Calendar, including the Continuous Internal Evaluation (CIE) of the institution. The University provides the regulations that contain subjects, syllabus, credits, and rules of curriculum. It also provides an academic calendar that specifies the date of commencement, last working day for each semester along with the examination dates. The Institute plans Curricular and extracurricular activities considering academic calendar provided by the University. The IQAC formulates the institute’s calendar of events in consultation with HoDs of all departments and submits the same to the Principal for approval. At the beginning of the academic session, the students are provided with the Institute’s calendar of events and the same is displayed on the Institute’s website as well as the notice boards. The Institute adheres to the academic calendar provided by the University for the conduct of CIE. There are three internal test per semester which are part of Formative Assessment and are conducted as per University guidelines. The HoDs monitor and review the implementation of the CIE schedule regarding the Formative Assessment. To maintain transparency in CIE process, the Formative assessment marks & attendance are regularly uploaded on to Management Information System (MIS) to update the students & their parents about the progress. The Project works are scheduled & carried out as per VTU norms. The Project Review Team evaluates and awards marks. The uploading of Formative assessment marks is followed as per the schedule & directions of the University.Summative Assessment: The University Calendar and regulations details the Semester End Exam (SEE), Project work evaluation, Practical/Lab exams, for the Summative Assessment.

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| **File Description** | **Document** |
| Additional information | [VIEW DOCUMENT](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.1.2/1.1.2%20-%20Claim%20Sheet%204-02-2022.pdf) |

 | **5** |
| **QnM** | ***Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years.*** 1. ***Academic council/BoS of Affiliating university***
2. ***Setting of question papers for UG/PG programs***
3. ***Design and Development of Curriculum for Add on/ certificate/ Diploma Courses***
4. ***Assessment /evaluation process of the affiliating University***

***Options**** + - 1. ***All of the above***
			2. ***Any 3 of the above***
			3. ***Any 2 of the above***
			4. ***Any 1 of the above***
			5. ***None of the above***

**Response : 2. Any 3 of the above**

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| **File Description** | **Document** |
| Details of participation of teachers in various bodies/activities provided as a response to the metric | [VIEW DOCUMENT](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.1.3/Final%20Claim%20Sheet%20Signed%20and%20Calculation%2031-03-2022.pdf) |
| Any additional Information (Data template) | [VIEW DOCUMENT](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.1.3/Data%20Template.xlsx) |

 | **5** |

**Key Indicator- 1.2 Academic Flexibility (30)**

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| --- | --- | --- |
| **Metric****No.** |  | **Weightage** |
| **1.2.1*.*** **QnM** | ***Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented.*** **Response : 100%**1.2.1.1. Number of Programmes in which CBCS/ Elective course system implemented.

|  |  |
| --- | --- |
| Number of Programmes in which CBCS/ Elective course system implemented | **07** |
| Total number of Programmes offered | **07** |

**Formula:**$\frac{Number of Programmes in which CBCS or Elective course system implemented.}{Total number of Programmes offered}$ **X 100****=** $\frac{7}{ 7}$ **X 100****= 100%**

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| **File Description** | **Document** |
| Additional Information | [VIEW DOCUMENT](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.2.1/1.2.1-Any%20additional%20information-1.pdf) |
| Minutes of relevant Academic Council/ BOS Meetings  | [VIEW DOCUMENT](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.2.1/VTU%20CIRCULARS/VTU%20BOS%20proceedings%20final.pdf) |
| Institutional data in prescribed format (As per Data template)  | [VIEW DOCUMENT](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.2.1/1.2.1%20data%20templet.xlsx) |

 | **10** |
| **1.2.2.****QnM** | ***Number of Add on /Certificate programs offered during the last five years.*****1.2.2.1:** How many Add on /Certificate programs are added within the last 5 years.**Response : 93**

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| --- | --- | --- | --- | --- |
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 12 | 16 | 23 | 22 | 20 |

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| **File Description** | **Document** |
| Any Additional Information | [VIEW DOCUMENT](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.2.2/1%202.2%20Report.pdf) |
| Brochure or any other document relating to Add on /Certificate Programs | [VIEW DOCUMENT](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.2.2/12.2-%20Brochures.pdf) |
| List of Add on /Certificate Programs (As per Data template)  | [VIEW DOCUMENT](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.2.2/1.2.2%20Data%20Template.xlsx) |

 | **10** |
| **1.2.3****QnM** | ***Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years.*****Response : 82.27 %**1.2.3.1. Number of students enrolled in subject related Certificate or  Add-on programs year wise during last five years

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| --- | --- | --- | --- | --- | --- |
| Academic Year | 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| Total number of students enrolled | 1012 | 1263 | 1731 | 2093 | 2147 |
| Total number of students | 1722 | 1742 | 1884 | 2151 | 2361 |
| Percentage | 58.77 | 72.50 | 91.87 | 97.30 | 90.94 |

Percentage per year **=** $\frac{\begin{array}{c}Total number of students enrolled in\\certificate / Add –on programs \\ \\ \end{array}}{Total number of students across all the programs}X 100$Average Percentage = 58.77+72.50+91.87+97.30+90.94   5 = **82.27 %**

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| **File Description** | **Document** |
| Any additional information | [VIEW DOCUMENT](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.2.3/1.2.3%20Average%20percentage%20of%20students%20enrolled%20in%20Certificate.pdf) |
| Details of the students enrolled in Subjects related to certificate/Add-on programs (Data template) | [VIEW DOCUMENT](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.2.3/1.2.2%20Data%20Template.xlsx) |

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**Key Indicator- 1.3 Curriculum Enrichment (30)**

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| --- | --- | --- |
| **Metric****No.** |  | **Weightage** |
| **1.3.1.** **QlM** | ***Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.******Response:*** Alva’s Institute of Engineering and Technology (AIET) is committed to achieve holistic development of its graduates, through its Vision and Mission, by integrating the crosscutting issues such as Gender Sensitization, Environment Sustainability and Human Values & Professional Ethics. In this regard, the institute ensures curriculum teaching learning strategies are implemented which provides the skills, knowledge and the attitude necessary for rendering them into knowledgeable, empowered and value laden individuals. In addition to the syllabus provided by the University, the IQAC mandates that curriculum teaching learning strategies integrates cross cutting issues like Gender, Environmental consciousness, empathy for the community and good citizenship qualities. The courses like **Constitution of India & Professional Ethics (CIPE)** and **Environmental studies (EVS)** are introduced to students at different semesters as per curriculum. These courses build human values, concerns, empathy skills, law abiding attitude, environmental concerns and ability to extend a helping hand to the immediate community. AIET has set up Committees/Clubs like **Women Empowerment Cell**, **ROSTRUM – speaker’s club** and **SRISHTI – nature club**, provide a framework for both teachers and students to negotiate with the ideas like Gender, Equity, Environmental concerns and other graduate attributes.Institute encourages faculty and students to participate in events focusing on women empowerment. The Women empowerment cell also takes part in the conduction of special lectures on gender related topics on various occasions. Girls and Boys participate in various co-curricular activities, group discussions and technical quiz programs. Workshops and seminars related to women’s empowerment and prevention of sexual harassment are being conducted in the institute. There is an immense need to create awareness among the stakeholders regarding the need to sustain and preserve environment. **Shobhavana – *herbal garden*** and **Birds park in the campus** maintained by the institute adds to the green ecosystem. **NSS** activities are aimed at creating awareness on environmental protection and ecological preservation. Programs like **Swachh-Mijar** and Beach cleaning-a neighborhood cleanliness campaign inspired by **Swachh Bharath** are a core programs of **NCC** & **NSS** units of institute. To inculcate human values among students, the institute on par with University has introduced series of sessions titled **‘Professional Holistic Competence Foundation Course (PHCFC)’**. **Rostrum – a speaker’s club,** caters to the needs of students/ faculties and the institute as a whole in terms of inspirational talks by eminent personalities such as **N Santosh Hegde (Former Supreme court judge)**, **Padmashri Salumarada Thimmakka (Environmentalist Veteran)**, **Subramanian Swamy (Politician)**, **Manishankar Iyer (Politician)**, **Padmashri A. S. Kiran Kumar, former Director ISRO (Scientist & Academician)**, **Guru Gaur Gopal Das (Motivational speaker on Human values)** etc., who have made a difference in the society.

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| **File Description** | **Document** |
| Any additional information | [VIEW DOCUMENT](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.3.1/new%201.3.1-Any%20additional%20information.pdf) |
| Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum | [VIEW DOCUMENT](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.3.1/Scheme%20Additional%20Info.pdf) |

 | **10** |
| **1.3.2.** **QnM** | ***Average percentage of courses that include experiential learning through project work/field work/internship during last five years******Response:* 74.29%**1.3.2.1: Number of courses that include experiential learning through project work/field work/internship year wise during last five years.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Academic Year | 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| No of Experiential courses | 218 | 228 | 245 | 230 | 232 |
| Total no of courses | 310 | 311 | 310 | 312 | 309 |
| Percentage | 70.23 | 73.31 | 79.03 | 73.71 | 75.08 |

Formula : $Percentage Per Year=\frac{\begin{array}{c}Number of courses that include experiential \\learning through project work \\/field work/internship\end{array}}{\begin{array}{c} Number of courses in all Programmes\\ \end{array}}X 100$  = (218 / 310 ) X 100 = 70.23% ( **For 2020-21**)Average percentage = $\frac{∑ Percentage per year}{5}$  Average Percentage = ( 70.23+73.31+79.03+73.71+75.08 ) / 5  = **74.29 %**

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| **File Description** | **Document** |
| Any additional information  | [VIEW DOCUMENTS](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.3.2/1.3.2%20Claim%20Sheet.pdf) |
| Programme / Curriculum/ Syllabus of the courses | [VIEW DOCUMENTS](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.1.1/Additional%20Information/Syllabus%20of%20the%20courses.pdf) |
| Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses field work/internship (Data Template) | [VIEW DOCUMENTS](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.3.2/BOS%20Proceeding.pdf) |
| MoU's with relevant organizations for these courses, if any  | [VIEW DOCUMENTS](https://cloud.aiet.org.in/storage/NAAC/criteria-3/3.5.2/E-Copies%20of%20MoU.pdf) |
| Average percentage of courses that include experiential learning through project work/ field work/internship (Data Template) | [VIEW DOCUMENTS](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.3.2/u1%201.3.2%20Template.xlsx) |

 | **10** |
| **1.3.3.****QnM** | ***Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)*****Response : 93.14%**1.3.3.1. **Number of students undertaking project work/field work /**  **Internships**

|  |  |
| --- | --- |
| Number of students undertaking project work / field work / internships across all the programs  | 1604 |
| Total number of students across all the program  | 1722 |

Formula**:**$$\frac{\begin{array}{c}Number of students undertaking project work\\/field work / internships \end{array}}{Total number of students}×100$$ **=** $\frac{1604}{1722}×100$ **= 93.14%**

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| **File Descriptions** | **Documents** |
| Any additional information | [VIEW DOCUMENT](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.3.3/1.3.3%20claim%20sheet%20340.pdf) |
| List of programmes and number of students undertaking project work/field work/ /internships (data Template) | [VIEW DOCUMENT](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.3.3/new%20u1%201.3.3-Data%20Template%20%281%29.xlsx) |

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**Key Indicator- 1.4 Feedback System (20)**

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| --- | --- | --- |
| **Metric****No.** |  | **Weightage**  |
| **1.4.1.** **QnM** | ***Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders.***1. ***Students 2)Teachers 3)Employers 4)Alumni***

***Options:*** 1. ***All of the above***
2. ***Any 3 of the above***
3. ***Any 2 of the above***
4. ***Any 1 of the above***
5. ***None of the above***

**Response : A. All of the above**

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| **File Description** | **Document** |
| URL for stakeholder feedback report | [VIEW DOCUMENT](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.4/1.4.1%20QIF.pdf) |
| Action Taken Report  | [VIEW DOCUMENT](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.4/New%20Action%20Taken%20Report%202016-17%20to%202020-21/Action%20taken%20report.pdf) |
| Any Additional Information (Analysis Report) | [VIEW DOCUMENT](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.4/New%20Feedback%20Analysis%20report%202016-17%20to%202020-21/Feedback%20Analysis%20report.pdf) |

 | **10** |
| **1.4.2****QnM**  | ***Feedback process of the Institution may be classified as follows:******Options:******A. Feedback collected, analysed and action taken and feedback available on website******B. Feedback collected, analysed and action has been taken******C. Feedback collected and analysed******D. Feedback collected******E. Feedback not collected*****Response : A. Feedback collected, analysed and action taken and**  **feedback available on website**

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| **File Description** | **Document** |
| Upload any additional information | [VIEW DOCUMENT](https://cloud.aiet.org.in/storage/NAAC/criteria-1/1.4/1.4.2%20QIF%20update.pdf) |
| URL for feedback report (Website Link) | [VIEW DOCUMENT](https://www.aiet.org.in/curriculum-feedback/)  |

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