YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution　　　　　　　**IFET COLLEGE OF ENGINEERING**

- Name of the Head of the institution　　**Dr.G.Mahendran**

- Designation　　**Principal**

- Does the institution function from its own campus?　　**Yes**

- Phone No. of the Principal　　**04146231456**

- Alternate phone No.　　**04146231457**

- Mobile No. (Principal)　　**9443331456**

- Registered e-mail ID (Principal)　　**principal@ifet.ac.in**

- Address　　**Gangarampalayam**

- City/Town　　**Villupuram**

- State/UT　　**Tamilnadu**

- Pin Code　　**605108**

2.Institutional status

- Autonomous Status (Provide the date of conferment of Autonomy)　　**06/02/2019**

- Type of Institution　　**Co-education**

- Location　　**Rural**

- Financial Status   **Self-financing**

- Name of the IQAC Co-ordinator/Director   **Dr.P.Jaquline Rosy Prof/S&H**

- Phone No.   **04146231456**

- Mobile No: **9786522396**

- IQAC e-mail ID   **aqar@ifet.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year)   https://www.ifet.ac.in/AQAR/AQAR-report-21-22.pdf

4.Was the Academic Calendar prepared for that year?   **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://www.ifet.ac.in/AQAR/AQAR-report-21-22.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B**	**2.64**	**2015**	**10/06/2015**	**09/06/2020**
Cycle 2	**B**	**2.64**	**2020**	**04/03/2020**	**31/12/2024**

6.Date of Establishment of IQAC   **29/09/2014**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
IFET/Dr.P.Jacquline Rosy Mrs.A.Dhanalakshmi, Mrs. A.Anbukkarasi	ICSSR-SEMINAR	ICSSR	03/06/2022	1,00,000
IFET/Dr.R.Satheesh kumar Dr.T.Anathakumar Mrs.K.Sivasankari	CSIR-SEMINAR	CSIR	01/07/2022	20,000
IFET/Dr. T. Soupramanien Mr. K. Sureshkumar Mrs. S. Usharani	CSIR-SEMINAR	CSIR	02/08/2022	25,000
IFET/Dr. B. Elizabeth Caroline Dr. B. Elamvazhudi Mrs. A. Dhanalakshmi	INSA-SEMINAR	INSA	25/08/2022	50,000
IFET/Dr. M. Vinoth Dr. A. Bobin	AERB-SEMINAR	AERB	20/10/2022	50,000
IFET/Mrs. S. Jayalakshmy Mrs. D. Vasanthi	ICMR-SEMINAR	ICMR	01/11/2022	2,10,000
IFET/Dr .B. Elamvazhudi Mr. S. Klothungan Mrs. A. Anbukarasi	ICSSR--SEMINAR	ICSSR	10/11/2022	90,000

IFET/Dr.K.Bu vaneshwari Dr. Bobin Mr. A.Mohemmed Shapique Mrs .M.Keerthiga Dr. Bobin Mr. A.Mohemmed Shapique Mrs .M.Keerthiga	ICSSR-SEMINAR	ICSSR	25/03/2023	95,000
IFET/Dr .U.Palani Mrs. R.Gomathi Mrs. Anbukarasi	ICSSR-SEMINAR	ICSSR	10/03/2023	70,000

8.Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI — View File

9.No. of IQAC meetings held during the year   3

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?   Yes

- If No, please upload the minutes of the meeting(s) and Action Taken Report   No File Uploaded

10.Did IQAC receive funding from any 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)

* Enhancement of Academic Quality: IQAC played a pivotal role in

implementing measures to enhance academic quality, including the development and implementation of new curriculum frameworks, which emphasis on skill development and hands-on practice. * Innovative Teaching-Learning Practices: IQAC facilitated the introduction of innovative teaching-learning practices, incorporating technology and interactive methodologies to enrich the educational experience for students, fostering a dynamic and engaging learning environment. LMS was introduced to make all the materials available to all the students * Faculty Development: IQAC organized and supported faculty development programs, for promoting professional development and ensuring that faculty members stay updated with the latest advancements in their respective fields. * Research and Innovation Projects: IQAC actively promoted and supported research and innovation initiatives, fostering a culture of inquiry and discovery. This included encouraging faculty and students to participate in research projects, securing grants, and collaborating with external partners for impactful research outcomes. * Strategic Quality Initiatives: IQAC led strategic quality initiatives, conducting regular internal audits and assessments to identify areas for improvement. This process helped in implementing corrective measures, ensuring adherence to quality standards across various academic and administrative functions.

12.Plan of action chalked out by IQAC at 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
Regulations and Curriculum Enhancement	Conducted a comprehensive review and modification of the curriculum to adhere to the directives outlined in the National Education Policy 2020 (NEP 2020) and the affiliating University's guidelines. The existing IFETCE 2019 regulations underwent revision, leading to the introduction of Major, Minor, and Honours degrees. Effectively executed the updated IFETCE2019 regulations, with a focus on establishing a comprehensive and adaptable educational framework.
To Submit the AQAR for the year 2021-2022	Submitted the AQAR for the year 2021-2022 in the NAAC portal.
To start courses in Emerging areas	Embarking on innovation, our institution introduces courses in emerging areas, aligning education with industry demands. These cutting-edge programs ensure students gain practical skills and insights, preparing them for success in dynamic professional environments. Last year B.Tech course in AIDS and AIML was introduced. Based on the positive response, initiatives are being taken to introduce B.E. CSE (Cyber Security) from the next academic year. Our commitment to staying ahead in education and technology is evident in these forward-looking initiatives.
To improve the admissions and demand ratio	Focused on improving admissions especially in the core branches, our institution is actively implementing targeted strategies. Through streamlined

	processes and digital outreach, we aim to significantly boost admissions. This has resulted in improving admissions in the current academic year, when compared to the previous years. Our focus is now on improving the demand ratio and attracting more students with higher cutoff.
To apply for NBA for CSE Department	Seeking excellence, the CSE Department diligently prepared the SAR to apply for accreditation from the National Board of Accreditation (NBA) during September 2022. The committee visited the department during the first week of January and the department has been accredited by NBA for 3 years from June 2023. Accreditation for ECE,IT and EEE are to be implemented during tne next academic year.
To improve sports and other extracurricular activities	Determined to elevate the sports and extracurricular landscape, our institution is committed to implementing comprehensive initiatives. This includes upgrading sports facilities, allocating one hour for physical education during the regular class hours, giving special coaching for talented students and fostering a vibrant culture of participation. Through these efforts, we aim to perform well during the forthcoming zonal sports meet and win awards and accolades. A number of new events were introduced during the Annual Day celebrations which brought out the innate talents in the students.

13.Was the AQAR placed before the statutory body?   Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing body meeting	06/07/2023

14.Was the institutional data submitted to AISHE ?   Yes

- Year

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13.Was the AQAR placed before the statutory body?	Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing body meeting	06/07/2023

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2022	31/03/2022

15.Multidisciplinary / interdisciplinary

The institution takes a comprehensive approach to education by offering a range of undergraduate programs that span diverse disciplines. With a commitment to fostering a multidisciplinary and interdisciplinary learning environment, our academic landscape encompasses various fields, ensuring a holistic educational experience.

At the undergraduate level, students can graduate in Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Information Technology, Mechanical Engineering, Artificial Intelligence and Data Science, and Artificial Intelligence and Machine Learning. This diverse array of programs reflects our dedication to providing students with a well-rounded education that prepares them for the complexities of the modern world.

In addition to the engineering programs, the Department of Science and Humanities plays a pivotal role in supporting the overall academic journey. Encompassing disciplines such as Mathematics, Physics, Chemistry, English, and General Engineering, this department bridges the gap between the sciences and humanities. By integrating science and mathematics courses into the curriculum of engineering programs, the department enhances the interdisciplinary nature of education.

The curriculum is meticulously designed to include a blend of theory and practical courses, fostering a hands-on learning experience. The courses are thoughtfully categorized into Humanities and Social Sciences (HS), Basic Science Courses (BSC), Engineering Science Courses (ES), Professional Core Courses (PCC), Professional Elective Courses (PEC), Open Elective Courses (OEC), Mandatory Courses (MC), and Employability Enhancement Courses (EEC).

Under Employability Enhancement Courses (EEC), students engage in

various activities, including project work, industry internships, seminars, case studies, placement training courses, and industrial and practical training. This multifaceted approach ensures that students not only acquire theoretical knowledge but also gain practical skills and exposure to real-world scenarios, preparing them for success in their chosen fields.

In essence, our institution's commitment to multidisciplinary and interdisciplinary measures empowers students to become well-rounded professionals who can navigate the complexities of today's rapidly evolving industries. By fostering a collaborative and integrated educational approach, we strive to produce graduates who are not only experts in their respective fields but also possess the versatility and adaptability required in a dynamic global landscape.

16.Academic bank of credits (ABC):

Our institution has registered in the Academic Bank of Credits via the National Academic Depository (NAD). Through this, a student can have greater choice and flexibility in choosing courses and institutions, allowing a liberal mix of educational programmes that are vocational, academic and more. A student can avail multiple entry and exit options in higher education institutions and opt for a suitable degree.

They can choose to study one course a year in one institution and switch to another one the next year. Academic bank of credits is a credit facility originally envisioned by the Government of India in the National Education Policy (NEP) 2020. The scheme has the provision of creating a digital infrastructure that will store the academic credits earned by the students of various higher education institutions within the country. The ABC will be entrusted with responsibilities such as opening, closing, and verifying the individual academic accounts of students. It will also be responsible to gather the academic credits earned by the students from their respective higher education institutions, verify the credits, store the credits, transfer or redeem such credits, and provide them as and when required to its stakeholders.

17.Skill development:

IFETCE offers the students, elective courses and skill enhancement courses as per their aptitude and curriculum, which are best suited to their needs. In addition to these courses, the college also offers generic elective courses that aim to develop

disciplinerelated skills and provide hands-on approach. The college also offers language skill courses and an environmental science course as part of the ability enhancement initiatives. The institution offers various courses under different programmes of study that educate, sensitise, and help develop a positive value-based mindset and attitude amongst the students. Students are encouraged to carry out research-based mini-projects to enhance their knowledge in multidisciplinary areas. Students are also encouraged to attend the NPTEL courses and appear for proctored certification exam.

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

The promotion of Indian culture is important not only for the nation but also for the individual. Cultural awareness and expression are among the major competencies considered important to develop in children, in order to provide them with a sense of identity, belonging, as well as an appreciation of other cultures and identities. It is through the development of a strong sense and knowledge of their own cultural history, languages, and traditions that children can build a positive cultural identity and selfesteem. Thus, cultural awareness and expression are important contributors both to individual as well as societal well-being. In order to promote our culture, IFETCE has followed the traditional things for all the college functions like Rangoli, Lighting the Kuthuvilaku, Prayer song etc. Also, IFET TAMIL SANGAM conducts various events to the students like Poetry competition, essay competition and pattimandram (debate) to develop the Tamil language.

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

IFETCE has established a robust and credible system of continuous evaluation and internal assessment system to constantly monitor the progress of all its students, including their regular attendance. Based on this assessment, the faculty plans their intervention to help weak students and slow learners. so that they can also cope with the rigour of the curriculum. In order to create the best teaching-learning environment for its students, the college has completely implemented the blended teaching-learning pedagogy. Though the blended approach faculty constantly assess to what level the learning objectives and learning

outcomes are being achieved and accordingly, take the necessary further steps to ensure that all students gain the necessary expertise, knowledge, skills, and capabilities.

IFET College of Engineering follows outcome-based education. Vision, Mission, Program Outcomes (POs), Program Specific Outcomes(PSOs) are framed by each department are aligned with the institution vision and mission in consultation with all the faculty members and stakeholders.

The Course Outcomes (COs) for each subject are available in the syllabus and defined by a concerned faculty member in consultation with HoD and Course Coordinator. The POs, PSOs and COs are stated and displayed on websites communicated to all the faculty members, students and stakeholders. The POs, PSOs, and COs are displayed in prominent locations across the department, including the HOD room, classrooms, laboratories, display boards, and faculty cabins.

The Syllabus of all courses are unitized and each CO pertains to a particular unit. Hence every course has five course outcomes. The course outcomes are mapped to specific programme outcomes and cognitive levels and are presented at the end of the syllabus. Assessment pattern complies with cognitive level mapping of course outcome.

20.Distance education/online education:

IFETCE has implemented a learning management system and a student management system across all its programmes to ensure that our students are provided with an online teaching and learning environment also. The college is carrying out its teaching and learning process in blended mode, where continuous monitoring and evaluation are done. Faculty provide timely intervention so that students can understand the grey areas in a time-bound manner. For this purpose, the college has subscribed to Google Suite and Google tools like Google Meet, Google Classroom, etc. IFETCE consistently encourages the students and all the faculty members to participate and learn through online courses like NITTTR, NPTEL, Swayam, Coursera, etc. Our institution has got a tie up with Skillrack and Terv which are online platforms containing probable questions in the placement interview. Students can also practice all the computer based practical exercises from the comfort of their homes or hostels. In addition, there is a bank containing programs which the students can practice on their own. Students with exceptional skills are also encouraged to compete

in innternational level competitions through Kaggle.

Extended Profile

1.Programme

1.1	**11**
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File]()

2.Student

2.1	**1769**
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	[View File]()

2.2	**379**
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File]()

2.3	**1769**
Number of students who appeared for the examinations conducted by the institution during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File]()

3.Academic

3.1	**535**
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded

3.2 Number of full-time teachers during the year:	**172**

File Description	Documents
Institutional Data in Prescribed Format	<u>View File</u>

3.3 Number of sanctioned posts for the year:	**172**

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**453**
4.2 Total number of Classrooms and Seminar halls	**48**
4.3 Total number of computers on campus for academic purposes	**729**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**316.91**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

IFET College of Engineering being an Autonomous Institution, grantall Departments the authority to develop and change curriculum and syllabi in accordance with the evolving demands of Industry and society. Our curriculum creation process involves referring the syllabi of esteemed Indian national Institutes (like IITs & NITs)and Internationally recognised globalUniversities, Anna University and renowned Autonomous Institutes (local),

adhering to the model curriculum prescribed by AICTE, incorporating Program Specific Outcomes (PSOs) outlined by professional bodies, integrating suggestions from industry experts and alumni who contribute to various institutional bodies, and considering syllabi from competitive exams such as GATE and IES. This comprehensive approach ensures that students acquire the necessary domain knowledge, skills, and attitude. Each Department's Board of Studies (BoS) comprises external members from diverse industries and reputable universities (including Anna University nominee), alongside faculty members, aligning with the institution's mission and vision to prioritize employability, skill development, and entrepreneurship in curriculum design. Likewise, the Course Outcomes (COs) of every course are structured to reflect global developmental needs within the Program Outcomes (POs). Our curriculum fully encompasses all attributes outlined in POs and PSOs, aiming to equip graduating Engineers with all 12 POs, thereby enhancing their competitiveness on a global scale.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	Nil

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

9

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	[View File](#)
Details of syllabus revision during the year	[View File](#)
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

184

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

89

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

11

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

In order to integrate the cross cutting issues relevant to gender,

environment and sustainability, human values and professional ethics, the Institute has infused different types of courses in the curriculum, to inculcate general competencies like social values, human values, environment sensitivity etc., thereby leading to the holistic development of students. In addition Community Outreach and Service through NSS and YRC are implemented in the adopted villages. Professional Ethics, Moral and ethical values and Human values are educated to students through some of the courses like Professional Ethics in Engineering, Principles of Management and Quality Management and Control Techniques Gender Sensitization To create awareness about cross-cutting issues related to gender we have courses like Women Empowerment. To educate students about gender equity among students, Environment and Sustainability, institution has adopted many cover initiatives by introducing various courses like Environment and Agriculture, Solid and Hazardous Waste Management, Industrial Waste Management, Green Technology, Air pollution and control Engineering, Environmental pollution and E-waste management and Chemicals in Environment and Public Health in curriculum to address the issues and solutions related to environment and sustainability. In additionInstitute have ISTEand Innovation Cell, which are available to aid in the co-curricular activities of the students.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	**No File Uploaded**

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

21

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	**No File Uploaded**
Any additional information	**No File Uploaded**

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

2037

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

424

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://ifet.ac.in/NAAC_23/criteria_1/1.4.1_Str-Feedback.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	No File Uploaded
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://ifet.ac.in/NAAC_23/criteria_1/1.4.2 Feedback System of Instituiton.pdf
Any additional information	**No File Uploaded**

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

619

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

366

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

IFETCE assesses the learning levels of the students through a two-pronged approach

1. Bridge Course - It is offered for a period of not less than three weeks as part of the induction program. The course is designed in such a manner that students get an understanding of the fundamental principles that will serve as a base throughout graduation. Students enrolled through lateral entry are given a similar course for ten days to help them bridge the gap.

2. Internal Assessment Tests – The stratification of students into slow, average, and advanced earners is based on their performance in the IA tests. For slow learners, continuous follow-up and remedial classes are conducted.

Special measures for slow learners:

1. Remedial Class -Slow learners are supported with additional coaching through remedial classes. Provision is made in the academic calendar for conducting remedial classes for slow learners just before the End-semester Examinations. 2. Detailed Systematic Learning Plan(SLP) - This document contains video links for topics covered in each unit. Slow learners utilize this to learn each topic at their own pace.

3. Online Classes on Weekends -Online classes on Weekends by concerned subject faculty.

Special measures for advanced learners:

1. One additional Library Card

2. Fastrack Course

3. Online Courses like Swayam-NPTEL, Cisco, Guvi etc

4. Encouraging to apply for Paid Internship

5. Proposal submission to the funding agency

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.ifet.ac.in/NAAC_22/criteria_2/ GUIDELINES(S&A).pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/06/2023	1769	172

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

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:

The teaching-learning process is one major objective and the strength of our college. To enrich the learning experience, especially after obtaining Autonomous status, IFET adopts a number of learner-centred strategies. The institute's curriculum allows us to create courses, electives, and projects that promote and emphasise experiential, participatory, and problem-solving methodologies.

Experiential Learning: Activities are designed to improve the level of understanding of the topic by the students. After the completion of the activities, the student is able to learn the subject matter better because of the experience gained during the activity.

- Laboratory Courses and Virtual Labs
- Internships
- Industrial Visit

Participative Learning: To improve the learning level of the students they are encouraged to participate in paper presentations, competitions and group discussions. They are also made to attend guest lectures, workshops and seminars. Senior students will guide juniors in preparing project proposals thus achieving peer learning.

- Guest Lectures
- Co-Curricular Events

Problem-Solving Learning: The following activities are done to aid problem-solving learning :

- Assignments/quizzes at the end of every two units
- Case Study Analysis and Discussion
- Project Based Learning
- Aptitude and Technical Skill Training

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	https://ifet.ac.in/Innovative-Teaching.php

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Equipping Faculty for Enhanced Teaching and Learning with ICT

Our institution empowers faculty members with a suite of ICT tools, enriching teaching methodologies and nurturing immersive learning environments:

LCD Projectors: Faculty utilize LCD projectors for dynamic delivery of PowerPoint presentations and educational videos in every class. This fosters interactive sessions, enhancing clarity in explaining complex concepts.

IFET ERP/LMS Integration: Through our tailored IFET ERP integrated with an LMS, faculty curate course materials and notifications. This digital ecosystem streamlines content delivery, fostering effective student engagement.

Digital Library Access: Faculty enjoy unrestricted access to an automated digital library, enriching teaching materials with the latest research and multimedia resources. This augments instructional content, enhancing depth and breadth.

NPTEL-SWAYAM Encouragement: Faculty actively promote student enrolment in NPTEL and SWAYAM courses, guiding them towards academic and career-aligned selections. This cultivates a culture of continuous learning and professional growth.

Utilizing Digital Platforms: Faculty adeptly leverage Google Classroom and Zoom for interactive teaching-learning experiences. These virtual classrooms facilitate precise assignment administration and discussion facilitation, transcending geographical limitations.

Through these ICT tools, faculty members are empowered to elevate teaching standards, foster enriched learning experiences, and cultivate a culture of lifelong learning within our institution.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://ifet.ac.in/Effective%20 teaching.php
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

56

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Academic Calendar: Every semester, the Office of the Dean(Academics) creates the academic schedule. It includes the list of working days, two internal assessment tests, a model examination, and tentative end-of-semester theoretical and practical testing dates, as well as symposia and festivals. The academic calendar shows the total number of effective working days available in a semester.

Course Allotment: Prior to the start of the semester's course work, department heads assign subjects based on the faculty competency matrix. Time Table: The timetable Incharge of each department prepares the timetable according to the Academic Calendar and is approved by the Head of the Institution. Lesson Plan: Senior faculty members designated as Course Coordinators are responsible for the content preparation of a set of similar courses. A meeting is convened by the Course Coordinator with the faculty members handling the subjects and an overall plan is devised for material and lesson plan preparation. Course coordinators oversee the work of the faculty and ensure that they adhere to the lesson plan.

Adherence to Teaching plan: During the monitoring, the syllabus completion, adherence to lesson plan, student attendance and performance in internal assessments are reviewed. Wherever required, corrective actions are considered and communicated to the department and the particular faculty members. This ensures that the teaching-learning process is improved on a qualitative level.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	[View File](#)

2.4 - Teacher Profile and Quality

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

172

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	[View File](#)
List of the faculty members authenticated by the Head of HEI	[View File](#)
Any additional information	[View File](#)

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

42

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	[View File](#)
Any additional information	[View File](#)

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1539

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

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

28

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

11

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Salient features of IT integration:

The integration of software for the examination process helps to speed up the processes in the conduct of examinations. The salient features of the software integrated in the examination process are as follows:

1. It is used to quickly access all academic information and student profiles.

2. There is a provision to define the subjects for question paper setting.

3. Registration previews and student fee information are always available.

4. Automatically created hall tickets and dummy numbers are also available.

5. The software can generate both internal and external marks on the basis of the given conditions.

6. Students can access the software to know their results and also to apply for the revaluation by using their separate user ID and password with the web portal created by the institution.

IT Integration and Reforms: The Office of the Controller of Examinations integrated Information Technology in the management of the Examination System. The name of the software tool used is COXO for all our examination-relatedworks. Once the makes are entered, Grade, Percentage and Cumulative Grade Point Average (CGPA), preparation and analysis of results are done automatically. The mark statement for every semester is produced using the software package and distributed to the students through the End Semester Examcell.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.ifet.ac.in/NAAC_2021/criteria_2/2.5.3%20COE%20MANUAL.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

Programme Outcomes and Course Outcomes for all Programmes are stated and displayed on the website and communicated to teachers and students of our institution. The following mechanisms are followed by the institution to communicate the Course outcomes, programme outcomes and PSOs to the teachers and students:

- The Course Outcomes (COs) for each course are available in the syllabus and defined by a concerned faculty member in consultation with HoD and the Course Coordinator.
- The POs, PSOs and COs are stated and displayed on the website.
- The POs and PSOs are printed in the systematic learning plan(SLP), lab manuals, record notebooks and multimedia.
- The POs and PSOs are displayed in prominent locations across the department including the HOD room, classrooms, laboratories, display boards, and faculty cabins.
- The orientation program for the first-year students conducted at the beginning of each academic year provides an overview of the Program/Curriculum in the context of POs, PSOs, and COs.
- The Syllabus and Lesson plan of each course contains the Course outcomes.
- Program Specific Outcomes(PSOs) have been framed for each department.
- The POs are based on the Graduate attributes which define the high-level qualities, skills and understandings that a student should gain as a result of the learning and experiences they engage in during the period of study.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://ifet.ac.in/NAAC_23/criteria_2/2.6.1_syllabus_co_22_23.pdf

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Attainment of COs of the Course: Faculty members utilise direct evaluation tools and indirect assessment methods to assess the attainment of course outcomes. The direct evaluation system contains a 30% weightage for the Continuous Internal evaluation Examination, a 40% weightage for the University result, and a 30% weightage for Co-Curricular Components such as assignments and seminars. The indirect accomplishment includes the following: 1. Course end survey. The course-end survey permits receiving feedback from students on individual COs upon completion of the course.

Programme Outcomes and Programme Specific Outcomes Attainment: The process for evaluation of PO's and PSO's are in place. COs and POs and COs and PSOs are correlated on a scale of 1 to 3, with 1 indicating low correlation, 2 indicating moderate correlation, and 3 indicating high correlation. Direct and indirect assessment approaches are used for programme outcomes and programme-specific outcomes. The direct assessment tool demonstrates the student's knowledge and skills. Indirect assessment tools are,

1. Employer Survey:Survey is taken from the employers to assess the skillset of the students after they leave the campus. 2. Alumni Survey: Every year, alumni are asked to participate in a survey to provide feedback and suggestions on how to improve CO achievement in today's real-world social setting.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	[https://ifet.ac.in/NAAC_23/criteria_2/2.6. 2_Outcomes%20_Course_Outcome_22_23.pdf](#)

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

378

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	[View File](#)
Upload any additional information	[View File](#)
Paste link for the annual report	[https://ifet.ac.in/NAAC_23/criteria_2/2.6. 3_Pass_Percentage.pdf](#)

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://ifet.ac.in/NAAC_23/criteria_2/2.7.1studentsatisfactionsurvey.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

In making our vision and mission a reality, Institution has taken the initiative to promote Research and Innovation among faculty and students and collaborate with industries for mutual benefit. The Deptof ECE is recognized as research Centre by Anna University to provide guidance to research scholars. The facilities in the Centre for Researchand Project laboratories are regularly updated by not only from institution supported research seed money but also sponsored funding from agencies like DST, AICTE etc.,

Regular meetings and reviews are conducted by the Head of Centre for Research to create a positive vibe in the minds of all the faculty young and experienced alike.Original research work is ensured through well publicized plagiarism policy and Turnitin software. Apart from funding agencies, the Institution also provides Seed money to potential faculty members to carry out internal projects and encourage them in their research activities. The equipments like computerised creep testing machine,Digital torsion spring testing machinetotal cost of Rs -4,04,250/- to improve the research facility.

Facultyare encouraged to apply for various funding agencies. Students also encouraged to apply their project ideas to various funding agencies such as TNSCST to avail funds for their academic project.

Objectives:

- To acquire new scientific knowledge to design novel methodologies in all fields of Engineering and Technology
- To develop new tools and techniques to expedite problem solving with special emphasis on rural and socially relevant issues

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://ifet.ac.in/images/R&D/RESEARCH%20POLICY.pdf
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

3.76129

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

35

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

16.98

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	No File Uploaded
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

42

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

08

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

09

File Description	Documents
Supporting document from Funding Agencies	[View File](#)
Paste link to funding agencies' website	**Nil**
Any additional information	[View File](#)

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

IFET College of Engineering has successfully established anResearch & Development Cell, Entrepreneurship Development Cell that empowers students to embrace rural entrepreneurship as a viable career path.

Research & Development Cell: Research and Development Cell is functioning to provide support and guidance to the students and faculty members for their research and innovative product development activities through proper strategic plan.

Entrepreneurship Development Cell : IFETCE has Entrepreneurship Development Cell (EDC) is established to create awareness among the students regarding entrepreneurship as a career option.

MSME Incubation Center: MSME has recognized our institute as host business incubator for the implementation of the scheme "Support for Entrepreneurial and Managerial Development of MSME's through Incubators"

Community Orientation: The main aim is to honor the personality of student volunteers through a series of regular activities which are undertaken both inside and outside the campus in the form of special camps, social activities and awareness programs. NSS Cell prepares the volunteers for all-round personality development through community service and awareness programs.

The Entrepreneurial Development Cell consistently motivates students to evolve into enterprising entrepreneurs, organizing activities like guest lectures on topics such as "Design Thinking, Critical Thinking, and Innovation Design," as well as hands-on training sessions like "Arduino Programming Using TINKERCAD."

The IIC at IFETCE has successfully established an ecosystem supporting innovation and entrepreneurship among young minds. The IIC@IFETCE plays a pivotal role in cultivating an environment conducive to creativity and entrepreneurial endeavors.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[https://www.ifet.ac.in/NAAC_23/criteria_3/3.3.1Ecosystem22_23.pdf](#)

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

28

File Description	Documents
Report of the events	[View File](#)
List of workshops/seminars conducted during the year	[View File](#)
Any additional information	**No File Uploaded**

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	**A. All of the above**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	[View File](#)
Any additional information	**No File Uploaded**

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

04

File Description	Documents
URL to the research page on HEI website	**Nil**
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<u>View File</u>
Any additional information	**No File Uploaded**

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

187

File Description	Documents
List of research papers by title, author, department, and year of publication	<u>View File</u>
Any additional information	<u>View File</u>

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

73

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	**Nil**

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

474

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

16

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

1

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	No File Uploaded
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

1

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	**No File Uploaded**
List of facilities and staff available for undertaking consultancy	**No File Uploaded**
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The college organizes a number of extension activities to promote institute-neighborhood community to sensitize the students towards community needs. The students of our college actively participate in social service activities leading to their overall development. The college runs effectively National Service Scheme and Youth red cross. Through these units, the college undertakes various extension activities in the neighbourhood community.

NSS organizes a camp in nearby adopted village and several activities were carried out by NSS volunteers addressing social issues which include cleanliness , tree plantation ,water conservation through Road safety awareness programme, fire and safety awareness programme with Fire safety department etc.,It aims at developing qualities of leadership, patriotism, maintaining discipline, character building, spirit of adventure and the ideal of self service.

All these mentioned activities have positive impact on the students and it developed student community relationship, leadership skill and self confidence of students. It also helped in cultivating hidden personality of students and created awareness among students.

Some of the significant activities conducted are:

- **Organized HIV/AIDS Awareness programme (WORLDAIDSDAY) on**

    01.12.2022 in Gangarampalayam village through NSS.
- Awareness program on CANCERconducted at IFET COLLEGE OF ENGINEERING on 23.05.2023
- Organized Free Eye Screening and Checkup Camp programme & Aravind Eye Hospital, Thavalakuppam, Puducherry on 17.11.2022.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[https://www.ifet.ac.in/NAAC_23/criteria_3/3.6.1Extensionactivites22_23.pdf](#)

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

11

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

23

File Description	Documents
Reports of the events organized	[View File](#)
Any additional information	[View File](#)

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

647

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

21

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	**No File Uploaded**

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

31

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	**No File Uploaded**

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 equipments, etc.

IFET College of Engineering (IFETCE) has a total campus area of 14.919 acres, with a built-up area of 332,706.82 square feet. The institute has Main Building Block, Mother Theresa Block, Sir M. Visvesvaraya Block, Srinivasa Ramanujan Block and Dr. A.P. J Abdul Kalam Block. Classrooms and Laboratories are located in Main Building Block, Sir M. Visvesvaraya Block and Srinivasa Ramanujan

Block.

The institute has 62 classrooms, of which 45 have LCD projectors with internet facilities for ICT-enabled learning. Each classroom is equipped with a green board and a stage with sufficient lights and fans. The institution has a total of 35 laboratories and 1 workshop.

The central library in Dr. A.P. J Abdul Kalam Block has a digital library with 23 computers to access the e-learning resources. The institute has 3 seminar halls: Mother Theresa Seminar Hall, Main Building Seminar Hall and Srinivasa Ramanujan Seminar Hall, with a seating capacity of 600, 200 and 100 respectively. Each hall is equipped with LCD projector, internet facilities, speakers, amplifier, collar mike, podium mike stand, hand mike, etc., to conduct seminars, academic sessions and cultural events for students and faculty members. The institute provides a well-equipped hostel facilities for both male and female students, ensuring a comfortable living environment for the residents.

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

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

The institution has adequate facilities for sports, games (Indoor-outdoor), Gymnasium, Yoga centre and cultural activities.

Outdoor Games: Cricket groundwith an area of 1,18,043 Sq. ft., Volleyball court with an area of 1,733.33 Sq. ft., Basketball Court with an area of 5,000 Sq. ft., Badminton Court with an area of 2,640 Sq. ft., Kho-Kho Court with an area of 3,200., Hand Ball Court with an area of 8,611.00 and Ball Badminton Court with an area of 1,500.00.

Indoor Games: Chess, Carrom and table tennis courts with a total area of 2000 Sq. ft..

Gym: Institution has Gym for both boys (500 Sq. ft.) and girls (536 Sq. ft.) with facilities such as treadmill machine, standing twister, cycle exercise, dumbbells etc.,

Cultural Activities: In addition to the seminar halls, the institution has an open auditorium with seating capacity of 1000 for organizing cultural programs. The institution arranges the following facilities to conduct cultural events in an open auditorium, ensuring a seamless and enjoyable experience for both performers and attendees:

- A well-designed and sturdy stage that is visible from all parts of the auditorium.
- Proper lighting and sound equipment for a high-quality performance.
- Comfortable and well-maintained seating arrangements.
- High-quality sound equipment, including microphones, speakers, and amplifiers suitable for the events.
- A well-designed lighting system that enhances both the stage and the audience's experience.

Yoga: The institution has separate yoga halls for boys (436 Sq. ft.) and girls (600 Sq. ft.) to provide regular training for students.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

48

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

76.06

File Description	Documents
Upload audited utilization statements	[View File](#)
Details of Expenditure, excluding salary, during the years	[View File](#)
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

Institution has a central library with a built-up area on the first level (6458.35 sq. feet.) and the mezzanine level (3767.37 sq. ft.). In 2022, the library implemented KOHA version 22.04 software from Auto-Lib software.

Salient features of KOHA

- Customizable web-based interface
- Full MARC support (MARC21 and UNIMARC)
- Contains core modules (OPAC, cataloguing, circulations, acquisitions, serials, reporting).
- Enhanced patron services, e.g., online reservations and borrower purchase suggestion support.

Dewey Decimal Classification (DDC) is followed for the classification and arrangement of books. The central library has a total of 38,904 volumes and 7,782 titles. It has a collection of books related to management, science & humanities, engineering and technology. Also, the library provides access to journals, newspapers, magazines, e-resources, project reports, back volumes, DVDs and CDs.

The library provides remote access to DELNET and e-journals for students and faculty members. The institution has subscribed to electronic journals (Springer-Nature 322, DELNET Consortium 1086) and encourages online learning through NPTEL lectures.

The library has reprographic services, a stack area, an area for periodicals, and a reading room with 200 seats. The library has 22 computers and high-speed internet to access the digital library.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	**A. Any 4 or more of the above**

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	[View File](#)
Upload any additional information	[View File](#)

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

4.61

File Description	Documents
Audited statements of accounts	[View File](#)
Any additional information	**No File Uploaded**
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	[View File](#)

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

602

File Description	Documents
Upload details of library usage by teachers and students	[View File](#)
Any additional information	**No File Uploaded**

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The institution frequently updates its IT facilities. It constantly upgrades software and hardware as per the norms and academic standards.

Following are the strategies for upgrading the IT infrastructure and associated facilities.

- The college is facilitated with 815 computers that are accessible to the students and staff for academic and co-curricular activities. Printers are arranged in the admin office, library, exam cell and CoE cell.
- The systems are connected to the network covering the entire campus and the hostel. It is connected via single/multi-core fiber Optics with redundancy between 100 /1000 Mbps. The institution runs a controlled Intranet and Firewall with a Policy-based Internet Connection. It is equipped with Secured Wi-Fi access. Its total Internet connectivity is at 100Mbps (Leased line with 1:1). At the Data Centre, all the servers, such as Active Directory, DHCP, DNS, and application servers, are operating together with routers, Firewalls, Layer L2 and L3 switches.
- Unconditional computers are replaced periodically.
- Software is purchased and the license is renewed as required.
- Wi-Fi connectivity is provided and it is upgraded periodically.
- The entire campus is monitored by CCTV facility. The CCTVs installed at strategic places assist in monitoring campus activities.
- Antivirus software is produced for security.
- IT-enabled accessories are purchased as per requirement. Maintenance is carried out regularly.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1769	729

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

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	[View File](#)

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	[View File](#)

4.4 - Maintenance of Campus Infrastructure

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

100.85

File Description	Documents
Audited statements of accounts	[View File](#)
Upload any additional information	[View File](#)

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

Cleanliness and maintenance procedures are strictly followed, covering class rooms, labs, and seminar halls. Computer maintenance is handled by technician managing day-to-day issues. Lab equipment is maintained during semester breaks, overseen by department heads and lab in charge/technicians. Electrical maintenance includes regular checks of electrical devices. Building maintenance, including plumbing and painting, is planned during vacations.

The library is managed by the librarian and support staff, with a register for complaints and suggestions.Dusting and cleaning of all library resources are conducted on regular basis. Stack maintenance is carried out by shelving and re-shelving of books and journals. Damaged books are repaired as and when necessary by the binder. Pest control is conducted on a regular basis in order to prevent the damage to the books. Maintenance of reprographic machine, computer peripherals, power maintenance and UPS are done through maintenance requisition process.

The physical director oversees general maintenance of the Sports Complex. The Sports Complex comprising different playing fields, tracks, Indoor gamesand Gym is regularly cleaned and well maintained by support staff. The physical director is involved in the preparation of the Sports Complex at the time of various sporting events.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the

Government during the year

1603

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

518

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology	A. All of the above

File Description	Documents
Link to Institutional website	https://ifet.ac.in/NAAC_23/criteria_5/5.1.3_Skill_Enhancement_22_23.pdf
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

274

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

207

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

4

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	**No File Uploaded**

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

03

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

31

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Our institution has set up committees with student representatives to promote their active participation in academic and other activities. By one among them Class Committee has a well-structured approach to involve students from different levels of academic performance and attendance, which is a great way to

ensure that everyone's perspectives and experiences are considered. And incorporating students into a planning committee can offer valuable insights and perspectives, ensuring that initiatives are student-centred and responsive to their needs. This could include improving curriculum, enhancing student support services, or addressing specific academic challenges. The college also has a separate committee for the hostel students with student members from hostel to take care of the basic amenities in the hostels.

Establishing a student council is a fantastic way to empower students to take an active role in shaping their college community, fostering leadership skills, and advocating for their peers' interests.

Academic and Extra Curricular Committees:

Internal Quality Assurance Cell Committee (IQAC)

Class Committee

Planning Committee

Anti-ragging Committee

Sports Committee

Hostel Committee

Student's council

Various Students' Forums function in the College through which the students enthusiastically take part in different activities:

NSS – National Service Scheme

YRC - Youth Red Cross

Tamil Sangam

ECO Club

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	<u>https://www.ifet.ac.in/NAAC_23/criteria_5/ 5.3.2_Student-Activities.pdf</u>

5.3.3 - Number of sports and cultural events / competitions organised by the institution

37

File Description	Documents
Report of the event	<u>View File</u>
List of sports and cultural events / competitions organised per year	<u>View File</u>
Upload any additional information	**No File Uploaded**

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

IFET has a strong community of alumni who actively support the development of institution. The Villupuram IFET Alumni Association has actively involved in various activities, focusing on the vision and mission of the institution statements. The Alumni Association arranges for interaction of students, management and faculty with alumni of IFET College of Engineering for mutual benefit. The forum also helps for interaction among the alumni. The interactions provide students guidance for higher studies and career guidance with support from alumni. It also purposes to maintain a compendium of all alumni in order to establish, promote and support the local chapters of the association in different parts of the state. The Alumni engage themselves in contributing to the college through various activities like delivering guest lectures, acting as Board of studies members and expert members apart from providing industrial and placement linkages. Members of the alumni association of the college continue to render invaluable service to the college by upholding the reputation of the institution. Alumni Entrepreneurs share their experiences through programs arranged by the Entrepreneurship Development cell and encourage students to set up start-up companies.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	https://ifet.ac.in/NAAC_23/criteria_5/Alumni_Engagement_22_23.pdf

5.4.2 - Alumni's financial contribution during the year | D. 2 Lakhs - 5 Lakhs

File Description	Documents
Upload any additional information	[View File]()

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The Governing body is the apex body which devises the strategicplans and lays the roadmap for the development of the institution.Authority and power is given to the Principal, administrative andfunctional heads to devise policies in alignment with the strategic plan. IQAC ensures the alignment and quality in all aspects. TheHeads of various departments ensure the development of thedepartment in terms of infrastructure, facilities, teaching-learningprocess, student welfare and other academic and non-academicactivities. Faculty are given responsibilities in addition toregular academic duties to fulfill all the aspects devised in thestrategic plan for attaining the mission and vision of theinstitution.

The perspective plan (2019-2024) of IFET College of Engineering includes, 1. To place our students with higher salary package. 2. To introduce new programmes like Data Science, MachineLearning, Artificial Intelligence and Cyber security 3. To achieve 100% Placement

In IFETCE, faculty working at different levels play important rolesin the implementation of the vision and mission of the institution.Senior faculty members are appointed as Chairpersons of institute's decision making bodies like the Governing Body, Academic Council,Board of Studies, Finance Committee and IQAC.

Suggestions from thedepartments are taken in to consideration while framing theStrategic plan, Institutional Policy Development, Research andInnovation, Quality Assurance, etc. In addition to this, our facultyare involved in various committees such as Planning, Monitoring, Grievance Redressal, Anti-ragging, Examination, Admission,AntiSexual Harassment, etc., All these committees have been formedbased on the guidelines given by UGC.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	https://www.ifet.ac.in/images/Satutory%20bod ies%20&%20Committee.pdf

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Every activity carried out in IFET resounds decentralization and participative management. The Planning Committee headed by Dr.S.Matilda, Vice Principal and Dean Academics appointed the Coordinator Mr.D.Prabakaran, ASP/ECE and Co-Coordinator Mrs.R.Sukanya, ASP/EEE to conduct 25th Annual Sports Day on April 05, 2023. Thereafter, the Coordinator and Co-Coordinator were the sole decision makers for the conduct of the entire event.

They assigned specific roles and responsibilities to various committee incharges in different aspects of the sports day event. They also empowered the team members to make decisions within their designated areas.

Participative management includes the conduct of meetings where all relevant members including teaching and non-teaching faculty members and administrative staff, can contribute their ideas and feedback. This inclusive approach ensures that various perspectives are considered in the decision-making process.

After the successful completion of the event, Coordinator and Co-coordinator appreciated the efforts of individuals and teams and collected feedback from all the committee incharges to record the difficulties that may not happen in the upcoming events.

Chief guest arrangement committee identified Mr.B.Siva, District Sports Officer, as the chief guest for the function, and with the support of all teaching, non-teaching faculty and students, the

function was well organized.

File Description	Documents
Upload strategic plan and deployment documents on the website	[View File]()
Upload any additional information	**No File Uploaded**
Paste link for additional Information	**Nil**

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

IEEE sponsored "International Conference on Smart Technologies and Systems for Next Generation Computing (ICSTSN 2023)" was convened to highlight all technical and practical aspects of Smart Technologies. The conference work was initiated well in advance by submitting the conference application with mandatory requirements such as renewing the society with faculty and student members, selecting the theme, dates and finalizing the budget. The conference was headed by the General Chair Dr.G.Mahendran, Principal and Conference Chair Dr.S.Matilda, Vice Principal and Dean Academics. The Conference Coordinator and Co-coordinators along with various committee heads were appointed by the conference chair. The conference application was submitted to IEEE on 15th September 2022 and MoU approval for organizing the conference was received on 20th December 2022. Various committees were formed to ensure smooth conduct of the conference and a circular to this effect was released on 04th January 2023.

The conference papers were collected through "Conference Management Toolkit portal" under four different headings namely Computing, Power, Circuit and Design and Other Technologies. Allpapers were submitted for peer reviewed and checked for plagiarism with "IEEE cross checksoftware", which was recommended by IEEE Publications committee, USA. Several international and national reviewers of our institution provided their valuable comments and helped towards the improvement of quality of papers presented in the conference. Subsequently, the selected papers were presented and submitted to IEEE, Madras section. All the presented articles have been published in IEEE Xplore.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://www.ifet.ac.in/NAAC_22/criteria_6/ 6.1.2%20Strategic%20plan_22.pdf
Upload any additional information	No File Uploaded

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

IFET College of Engineering (IFETCE) has defined a organizationalhierarchy and structure to support the decision making process whichis clear and consistent with its purposes and supports effectivedecision making. Governing Body- Provide governance, strategic direction, andoversight. They make critical decisions about the institution's mission, policies, and financial matters.IQAC, Heads of the Department (HoD), Controller of Examinations andother section heads like Training & Placement, InstitutionInnovation Council, Research and Development Cell shall report tothe Vice-Principal and to the Principal.Librarian, Physical Education Director, Manager (Accounts) and Manager (Admin), Hostel Warden and Liaison officer report tothe Principal.

Coordinator- IQAC - Responsible for coordinating and facilitatingquality assurance and enhancement activities across the institution.

Head of the Department- Responsible for the leadership,administration, and academic oversight of a specific department within the institution.

Training and Placement officer- Coordinates with the differentindustries for on-campus and off-campus interviews of students toprovide suitable placement in their organizations.

Controller of Examinations (CoE)- Responsible for overseeing allaspects of examination planning, administration, and resultsprocessing while ensuring compliance with academic standards andregulations.

Librarian- Maintains documentation of books, journals, magazines,newspapers, CDs & library materials.

Physical Education Director- Coordinates intra-college andintercollege competitions for various sports events.

Office Manager - Responsible for overseeing the organization'sfinancial operations, budgeting, accounting, and financial reports.Service rules have been formulated as per the guidelines of theaffiliating university - Anna University, Chennai and the approvalbody (AICTE/ UGC).

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.ifet.ac.in/NAAC/Organogram.pdf
Upload any additional information	View File
Paste link for additional Information	**Nil**

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) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	**No File Uploaded**

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Welfare measures for teaching staff are as follows:

- **Free transport for all faculty members.**
- **EPF for eligible faculty**
- **Promotion based on qualification and experience subject tovacancy**
- **Free internet (100Mbps) and Wi-Fi facility to access academicresources.**

- **Encouraging the faculty members to attend the workshop, FDP's,Industrial training and Conference by providing leave with apay.**
- **Medical leave.**
- **Casual leave, On-duty and Compensation leave.**
- **Maternity leave .**
- **Vacation for each semester.**
- **Telecommunication facilities, Over coat and free refreshment.**
- **Well defined HR Policy for the faculty incentives, rewards,etc.**

Welfare measures for non-teaching staff are as follows:

- **Free transport**
- **EPF**
- **Medical leave.**
- **casual leave, On-duty, Compensation leave.**
- **Vacation for each semester.**
- **Free refreshment.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

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

61

File Description	Documents
Upload any additional information	[View File](#)
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	[View File](#)

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

3

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

48

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Indo-French Educational Trust is registered under Section 12A of the Income Tax Act. Accounts are audited annually and financial statements and audit reports are certified by the Chartered Accountant and filed by October 31 as per the provisions of the Income Tax Act. Internal audit is carried out by the Management appointed team and statutory Audit is done by an external Agency- A.R. Krishnan &Associates, Chartered Accountants. Income Tax returns and audit reports are filed annually. Financial Transactions are recorded using Tally- EPR Software. All financial transaction takes place in a computerized environment; the software used for accounting is the original licensed version of Tally. Microsoft Excel is also widely used for preparing Financial Statements and for Reporting of financial activities. All the Financial transactions are recorded as and when they occur. Internal Audit runs parallel to the accounting activities. Every transaction is verified for proper vouchers, supported by requisite documents, approval, and payment. All receipts are through the bank as a matter of policy. Cash is verified every

day. Confirmation of INCOME TAX provisions is verified. It is the duty of Statutory Auditors to scrutinize the Books of Accounts and whet theFinancial Statements. Financial statements are certified to be correct and fair, to every aspect of Income Tax and other statutory laws applicable to the Trust. They also take into consideration the findings of the internal audit report.

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	No File Uploaded
Any additional information	No File Uploaded

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

IFET College of Engineering (Autonomous) is a self-financedinstitution; Tuition Fees received from students is the major sourceof funding for the institution. Tuition fee is collected as per theprescribed norms of the Government. Institute faculties receivegrants from Government agencies like AICTE, DST, ICSSR, and CSIR,towards Research and development. The institute has a well-definedmechanism to monitor effective and efficient utilization ofavailable financial resources as laid out in the POLICY DOCUMENT FORFINANCE. Institutional budget is prepared by Finance and AccountsDepartment taking into consideration every component of recurringand non-recurring expenditures and contingencies. All theadministrative and academic heads and coordinators of differentcells viz., R&D Cell, Exam Cell, T&P Cell, NSS Cell, etc. arerequired to submit their budget proposals for the subsequentfinancial year to the Finance and Accounts Department for appraisalconsolidation and Approval. All the major

financial policy decisionsare taken by the Finance Committee headed by the Chairman, Trusteesand the Principal. Allocations of funds are based on priority and the availability of resources. In matters of contingencies andunplanned expenditure, necessary approval is obtained from theManagement. All the major financial expenditure are analyzed,verified and categorized under following major heads:

* Research &Development

* Training &Placement

* Software

* Internet charges

* Library Books / Journals

* Repair & maintenance

* Printing& stationary

* Lab Equipment

*Fixed Assets

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://ifet.ac.in/funds_received.php

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Activity-based learning is an educational approach that focuses on active student engagement through hands-on experiences and interactive activities. Instead of traditional passive learning methods like lectures and memorization, activity-based learning encourages students to actively participate in the learning process, fostering critical thinking, problem-solving, and a

deeper understanding of the subject matter. IFET College of Engineering (IFETCE) implements activity-based learning for all the courses. In our institution, Activity-based learning has been used by all the faculty for their courses. This helps our students be more creative and easily understand the concepts. For example, In Department of Electronics and Communication Engineering, Course name & Code : 19UECPC303- Signals and Systems for Regulation R2019. In unit 1, the activity mentioned was the Generation of Continuous and Discrete Time signals. Students have done this activity using Scilab software. This helps our students to easily analyze and differentiate the CT and DT signals.

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

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

1. Technology in Education:

The IQAC of IFET College of Engineering (IFETCE) ensures inclusion of technology in day-to-day teaching for reducing manual overheads of the faculty. Before implementation of any technology, a lot of testing and review is done at various level using a sample population of students/ faculty. Once satisfied it is put in to regular use. Operational hazards/ bugs which are found during implementation are eliminated upon complaints received. In response to the review, IFETCE implements technology integration reforms. This could involve providing faculty with training and support to enhance their digital teaching skills. The IQAC also recommends the development of a robust Learning Management System (LMS) for seamless content delivery, assignment submission, and student engagement. Furthermore, the institution may invest in upgrading its IT infrastructure to ensure reliable access to digital resources for both students and faculty

Faculty Development and Support:

IQAC empowers the head of the department to identify the training needs of the faculty. At the beginning of every semester, before subject allocation, the head of the department identifies the area where expertise is lacking. If vacancy exists and if the expertise

is available new faculty are recruited. In the absence, existing
faculty are trained in the identified areas

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.ifet.ac.in/Annual_Report/Annual%20report-22-23.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	No File Uploaded
Upload any additional information	No File Uploaded

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

The institute practices gender equity by providing a safe and
conducive environment that embraces and celebrates gender
diversity by ensuring equal access, promoting an inclusive
learning environment, diversifying the curriculum, and supporting
student-led initiatives.

The following activities have been conducted during the year under

the annual gender sensitization action plan;

- The Women Empowerment Cell conducted a seminar on the theme of women's rights in India on September 16, 2022; Resource Person: Dr. Vidyaa Ramkumar, Chairperson, Dowry Prohibition Advisory Board, Government of Puducherry.
- Conducted a seminar on the title Challenges of Women in the Workplace by the Women Empowerment Cell on October 28, 2022. The chief guest, Dr. Vidyaa Ramkumar; bestowed a fabulous awareness talk about the problems and issues faced by working women, safety and security, unfair treatment in the workplace, stressful life and work place discrimination, etc.

- The National Service Scheme conducted a fire and safety awareness programme on December 23, 2022, in order to sensitise the staff and students about lifesaving and rescue techniques in case of fire.

- The ISTE Student Chapter of our institution conducted intra-college events on May 29, 2023; in view of the International Day of Action for Women's Health Celebrations. Students from various departments actively participated in the event. Chief guest Dr. Vidyaa Ramkumar shared some insights regarding women's health and how to conserve it for better living.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://ifet.ac.in/NAAC_23/criteria_7/7.1.1_gender_equity_link_22_23.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	[View File](#)

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Solid Waste Management:

Enough trash cans and dustbins are installed across the campus to collect solid waste, which is then daily disposed of with the assistance of the Municipal Corporation. Sanitary napkin incinerators are installed for the proper disposal of used napkins. Swachh Bharat and Clean & Green initiatives are also practiced by the NSS unit of the institution.

E-Waste Management:

The best possible use is made of electronic products and machines. The institute makes an effort to reduce electronic waste by fixing electronic and computer peripherals. E-waste produced by multiple departments that cannot be recycled or reused is centrally disposed of in an appropriate way. For technology upgrades, buyback options are used rather than purchasing a new computer. Repairs are made to make up for any damages or capacity losses.

Liquid waste management:

The liquid waste generated is treated by a Sewage Treatment Plant (STP), which was installed in 2010 with a treatment capacity of 27,000 liters. The plant is effectively operated and is utilized.

Most of the chemicals, salts, and acids used in the chemistry laboratory are inorganic in nature, and no harmful effects are created during the experimentation process. However, after the completion of each experiment, the wasteis washed in the water sink and routed to the common soakpit.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

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	A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

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	A. Any 4 or All of the above

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy 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	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

The institution believes in equality of all cultures and traditions, as is evident from the fact that students belonging to different castes, religions, and regions are studying at our institution without any discrimination. The institution is undertaking various initiatives in the form of the celebration of days of eminent personalities, national festivals, and other such activities to provide for an inclusive environment by bringing students and teachers with diverse backgrounds together on a single platform.

New Year Celebration: 2023

The Principal, Dr. G. Mahendran, Dr. S. Matilda, Vice Principal, and Dean Academics of the Institution blessed the cadets with their New Year wishes and addressed them to feel the real happiness of every day.

The Pongal Celebration was held on Friday, January 13, 2023, from 2.30 p.m. to 4.20 p.m. Dr. P. Pugazhendran, CEO, was invited as a chief guest, and he delivered a speech noting the importance of celebrating Pongal in Tamil Nadu.

International Mother Language Day is observed on February 21st to promote linguistic and cultural diversity and multilingualism. Chief Guest Dr. P. Pugazhendran, COE, gave a wonderful thought-provoking speech about Mother Language Day.

The International Day of Happiness was held on March 20, 2023, from 2.30 p.m. to 4.20 p.m. Dr. Maria Therese A., Professor in Nursing (Faimer Felow), MTPG and RIHS, Puducherry, had been invited as a chief guest.

These functions help in developing tolerance and harmony towards culture, region, and linguistics, as well as communal, socio-economic, and other diversities.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)

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

Activities aimed at fostering a sense of nationalism were arranged, educating students about the value of abiding by national laws, motivating them to actively participate in environmental preservation, and fostering a sense of fraternity among people.

National Integration:

On Independence Day, August 15th, 2022, Dr. G. Mahendran, our principal, delivered the patriotic speech.

On Republic Day, January 26th, 2023, the presidential address was delivered by our principal, Dr. G. Mahendran, about our national leaders.

Responsibilities as citizens:

National Voters' Day has been celebrated on January 25,2023;Principal Dr. G. Mahendran and Dr. S. Matilda, Vice Principal and Dean of Academics, sensitised students that the act of voting is a fundamental right that enables citizens to participate in the governance of their nation.

Follow the ideals of the freedom struggle:

Martyr's Day is observed on our campus on January 30, 2023. Mr.Lt.Esan, Delta Squad Chief Guest, addressed the students about the freedom fighters and sacrifices of the soldiers to the nation.

Spirit of Brotherhood:

Students perform censuses in rural areas of Ilangadu and Gangarampalayamon on February 2, 2023, to study the people's lifestyles and improve their standard of living, which helps the Unnat Bharat Abhiyan initiative. The NSS unit of our institution engaged the students in a blood donation camp on September 2, 2022, for the benefit of nearby villages in Siruvanthadu and Gangarampalayam.

Preserving the Natural Environment:

NSS volunteers of our institution carried out a cleanliness drive in the adopted villages of Gangarampalayam and V.Pudhur. on October 28, 2022.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	[View File](#)
Any other relevant information	[View File](#)

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the Code of Conduct are organized	A. All of the above

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

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

The institution exuberantly celebrates various national and international commemorative days.

The following commemorative days, events and festivals were celebrated for the academic year 2022-2023.

1. Engineers Day -15.09.2022 - Chief Guest: Principal Dr. G. Mahendran, and Dr. S. Matilda ,Vice Principal and Deanacademics

2 .National Education Day -11. 11. 2022 -Chief Guest: Principal Dr. G. Mahendran, and Dr. S. Matilda ,Vice Principal and Deanacademics

3.World Diabetes Day-14.11.2022-Slogan Contest

4.World AIDS Day - 01.12.2022-Dr.Ashok Kumar, Primary Health Centre, Cheff Guest.

5.National Youth Day -12. 01. 2023 - Chief Guest: Mr.G.N.Shanmugam, Nodal officer (RTI, Retd).,NLC India Ltd.,

6. National Girl Child Day -24. 01. 2023 -Chief guest Mrs.Tr. Gayathri Srikanth, Community Lead .

7.World Leprosy Day-29.01.2023-Awareness programme in Kumidiyankupam village.

8. World Cancer Day -03. 02. 2023 -Chief Guest: Principal Dr. G. Mahendran, and Dr. S. Matilda ,Vice Principal and Deanacademics

9. National Women's Day -13. 02. 2023 - Chief Guest:Dr. Vidyaa Ramkumar, MWS, MPhil, PhD., Chairperson, Dowry Prohibition Advisory Board Govt. of Puducherry

10.National Science Day -28. 02. 2023

11.International Women's Day -08. 03. 2023 -Cheif Guest: Dr. S. Matilda ,Vice Principal and Dean Academics, IFETCE

12. World Day for Safety and Health atWork-28.04.2023 - Cheif Guest:Mr.S.Sivamanickavel, B.E .,Tamilnadu fire and Rescue Service

13. World Red Cross Day-08.05.2023

14. National Technology Day-11.05.2023Chief guestDr.S.Jayalakshmi, Associate Professor/ECE, IFETCE.

15. World Anti-Tobacco Day -31-05-2023

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practice 1:

Title: Communication and soft Skills training are provided for achieving better Career Opportunities

https://www.ifet.ac.in/NAAC_23/criteria_7/7.2.1-Best_Practices-1&2 -22-23.pdf

Best Practice 2:

Title: Promotion of Research Culture

https://www.ifet.ac.in/NAAC_23/criteria_7/7.2.1-Best_Practices-1&2-22-23.pdf

File Description	Documents
Best practices in the Institutional website	https://www.ifet.ac.in/NAAC_23/criteria_7/7.2.1-Best_Practices-1&2-22-23.pdf
Any other relevant information	http://ifet.ac.in/NAAC_23/criteria_7/7.2.1-Best-Evidences1&2-22-23.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

College provides excellence Education and opportunities for intellectual and emotional growth through different programs which are relevant and responsive to the needs of the rural and educationally backward society. This is our thrust area which makes us distinctive in performance of the college.

Students from rural background have Technology developed through the projects transferred for enhancement of the livelihood of rural community in our adopted villages Illangadu, Pedurettikuppam and Gangarampalayam.

Some of the social significant models developed by our rural background students:

1. **Green waste recycler: Sugarcane trash into organic compost**
2. **Tender Coconut waste into Combustible briquettes**

Village Field Visit to identify the real-time problems for the welfare of society

First-year students attended a three-day field visit to identify the real-time problems for the welfare of society as part of the Basic Science Project Scifari-2023. Department-wise Student was

taken on a field visit to nearby villages in Illangadu, Pedurettikuppam and Gangarampalayam.

Students have collected information related to problem identification from various sources and analyzed it to come up with the best solution.

Outreach for Societal transformation: The strength of the institution is based on the perception of the society about the institution.

- Every year our college NSS units & Youth Red Cross organizes Blood Donation Camp in association with Primary health centre and Govt. Medical Hospital, Blood Bank. The students and teachers of the college actively participated in the Blood donation camp and a total of more than 100 units of blood was collected and donated every year for the needy.

File Description	Documents
Appropriate link in the institutional website	http://www.ifet.ac.in/NAAC_23/criteria_7/7.3.1-Institutional_distinctiveness-22-23-link.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. To promote high quality education which involves criticalthinking and learning to work with others in multiple disciplines.

2. To conduct industry based special training for students to turn them into "finished products", therebymaking them employable.

3. To implement collaborative learning and mentoring to transition from the passive mode of "teacher>>teaching" to the active mode of "student>> learning".