YEARLY STATUS REPORT - 2023-2024

Part A	
Data of the Institution	
1.Name of the Institution	**IFET COLLEGE OF ENGINEERING(AUTONOMOUS)**
• 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	**IFET Nagar, Gangarampalayam(Post), Valavanur Taluk, Villupuram District**
• 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.Jacquline Rosy Prof/S&H**
• Phone No.	**04146231456**
• Mobile No:	**9944547646**
• IQAC e-mail ID	**iqac@ifet.ac.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	**https://www.ifet.ac.in/AQAR/AQAR-report-22-23.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-22-23.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. Pugazhendiran Mr. N. Sivanantham Mr. B. Balaji	SERB-SEMINAR	SERB	18/04/2023	75,000
IFET/Dr. B. Elamvazhudi Mrs. K. Dhivya Mrs. G. Premalatha	SERB-SEMINAR	SERB	18/04/2023	65,000
IFET/Dr.K.Margandan Mr. C.Manimaran	TNSCST-SEMINAR	TNSCST	01/06/2023	50,000
IFET/Dr.R.Satheesh kumar Mrs.K.Sivasankari ,Mr. B.Rajagopalan	ICSSR-SEMIANR	ICSSR	19/06/2023	1,00,000
IFET/Dr. M.Jebastin Sonia Jas, Dr. P. Jacquline Rosy, and Dr. K. Margandan,	TNSCST-SEMINAR	TNSCST	05/07/2023	15,000
IFET/Dr.M. Vinoth, Dr. A. Bobin, Mr. M. Ananthakumar	ICSSR-SEMIANR	ICSSR	06/09/2023	60,000
IFET/Dr. Mohammed Shapique, Dr. A. Vaith	ICSSR-SEMIANAR	ICSSR	05/09/2023	1,20,000

iyanathan, Mrs. R. Revathy				
IFET/Dr. Mohammed Shapique, Dr. A. Vaith iyanathan	INSA-SEMIANR	INSA	30/08/2023	25,000
IFET/Dr. R.Rajarajan, Mr. Rampradesh	SERB-SEMINAR	SERB	14/11/2023	70,000
IFET/Dr. P. kanimozhi, Mrs. Usharani, Mrs. Manjubala	AICTE-ATAL FDP	AICTE	06/11/2023	3,50,000
IFET/Dr. T. Ananth kumar	UBA- PROJECT	UBA	21/01/2024	1,00,000
IFET/Dr.J.Vi dhya	UBA-PROJECT	UBA	29/03/2024	1,00,000

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	03
• 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	No

the year?	
• 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.

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	Successfully implemented a thorough curriculum review aligned with the mandates of the National Education Policy 2020 (NEP 2020) and the guidelines of the affiliating University. Revised the existing IFETCE 2019 regulations to incorporate Major, Minor, and Honours degrees. Effectively operationalized the updated IFETCE 2023 regulations, emphasizing the establishment of a robust and flexible educational framework.
To Submit the AQAR for the year 2022-2023	Submitted the AQAR for the year 2022-2023 in the NAAC portal.
To start courses in Emerging areas	Driven by innovation, our institution is introducing courses in emerging fields to align education with industry needs. These advanced programs equip students with practical skills and knowledge, preparing them for success in evolving professional landscapes. Last year, a B.Tech course in AIDS and AIML was launched, receiving a positive response. Building on this success, plans are underway to introduced a B.E. in CSE (Cyber Security) in the current academic year. These forward-thinking initiatives underscore our commitment to leading in education and technology.
To improve the admissions and demand ratio	Our institution is dedicated to enhancing admissions, particularly in core branches, through targeted strategies. By streamlining processes and leveraging digital outreach, we

	have successfully increased admissions for the current academic year compared to previous years. Our ongoing focus is on improving the demand ratio and attracting students with higher cutoffs, ensuring continued growth and academic excellence.
To apply for NBA for EEE and ECE 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 and EEE are to be implemented during tne next academic year.
To improve sports and other extracurricular activities	Committed to enhancing the sports and extracurricular environment, our institution is implementing comprehensive initiatives. These include upgrading sports facilities, dedicating one hour to physical education during regular class hours, providing special coaching for talented students, and fostering a culture of active participation. These efforts aim to excel in the upcoming zonal sports meet and secure awards and accolades. Additionally, several new events introduced during the Annual Day celebrations showcased the students' innate talents.
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	07/07/2023

14.Was the institutional data submitted to AISHE ?	**Yes**

- Year

Year	Date of Submission
2023	04/04/2024

15.Multidisciplinary / interdisciplinary

Our institution embraces a comprehensive approach to education by offering a wide range of undergraduate programs across diverse disciplines. Committed to fostering a multidisciplinary and interdisciplinary learning environment, we ensure that students receive a well-rounded education that prepares them for the complexities of the modern world. At the undergraduate level, students can pursue degrees 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 variety of programs reflects our dedication to equipping students with the knowledge and skills needed to excel in their chosen fields. Additionally, the Department of Science and Humanities plays a crucial role in supporting the academic journey by offering courses in Mathematics, Physics, Chemistry, English, and General Engineering. By integrating these disciplines into engineering programs, the department bridges the gap between the sciences and humanities, enhancing the interdisciplinary nature of our education. The curriculum is thoughtfully designed, blending theoretical knowledge with practical experience. Courses are 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 the Employability Enhancement Courses (EEC) framework,

students participate in activities such as project work, industry internships, seminars, case studies, placement training, and industrial training. This multifaceted approach ensures that students not only gain theoretical knowledge but also practical skills and exposure to real-world challenges, equipping them for success in their careers. In summary, our institution's commitment to a multidisciplinary and interdisciplinary educational approach empowers students to become well-rounded professionals. By fostering collaboration and integration, we aim to produce graduates who are not only experts in their respective fields but also possess the versatility and adaptability required to thrive in a dynamic global landscape.

16.Academic bank of credits (ABC):

Our institution is now registered with the Academic Bank of Credits (ABC) through the National Academic Depository (NAD), offering students increased flexibility and choice in selecting courses and institutions. This initiative allows students to create a personalized educational journey, blending vocational and academic programs to suit their interests and career goals. Students can take advantage of multiple entry and exit options across various higher education institutions, enabling them to pursue a degree at their own pace. They have the flexibility to study a course at one institution for a year and then transfer to another institution the following year, maintaining continuity in their education. The Academic Bank of Credits, a concept introduced by the Government of India under the National Education Policy (NEP) 2020, aims to establish a digital infrastructure that securely stores academic credits earned by students nationwide. The ABC will manage students' academic accounts by opening, closing, and verifying them. It will collect, verify, store, transfer, and redeem academic credits, providing these services to students and other stakeholders as needed. This system ensures that students can seamlessly accumulate and transfer credits, facilitating a more flexible and accessible higher education experience.

17.Skill development:

  IFETCE provides students with a range of elective and skill enhancement courses tailored to their aptitudes and curriculum needs. These courses are designed to offer the best fit for students' academic and career aspirations. In addition to these specialized courses, the college offers generic elective courses that focus on developing discipline-specific skills through a hands-on approach. As part of its ability enhancement initiatives, IFETCE also offers language skill courses and an environmental science

course. These programs aim to educate, raise awareness, and foster a positive, value-based mindset and attitude among students. The institution encourages students to engage in research-based mini-projects, enhancing their knowledge across multidisciplinary areas. Additionally, students are motivated to participate in NPTEL courses and take the proctored certification exams, further broadening their learning horizons and credentials.

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

Promoting Indian culture is vital not only for the nation's heritage but also for individual development. Cultural awareness and expression are key competencies essential for fostering a sense of identity and belonging in children, while also nurturing an appreciation for diverse cultures and identities. By cultivating a deep understanding of their cultural history, languages, and traditions, children can develop a strong cultural identity and self-esteem. Consequently, cultural awareness and expression significantly contribute to both individual and societal well-being. To promote cultural values, IFETCE incorporates traditional elements into all college functions, such as Rangoli, lighting the Kuthuvilaku, and performing a prayer song. Additionally, the IFET Tamil Sangam organizes various events, including poetry competitions, essay contests, and pattimandram (debates), to foster the development and appreciation of the Tamil language among students.

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

IFETCE has established a comprehensive and reliable system of continuous evaluation and internal assessment to monitor student progress, including regular attendance. Based on these assessments, faculty members design targeted interventions to assist weaker students and slow learners, helping them keep pace with the curriculum's demands. To create an optimal teaching-learning environment, the college has fully adopted a blended teaching-learning pedagogy. Through this approach, faculty continually assess the achievement of learning objectives and outcomes, taking necessary steps to ensure that all students acquire the required expertise, knowledge, skills, and competencies. IFET College of Engineering adheres to an outcome-based education model. Each department frames its Vision, Mission, Program Outcomes (POs), and Program Specific Outcomes (PSOs) in alignment with the institution's vision and mission, involving faculty members and stakeholders in the process. Course Outcomes (COs) for each subject are detailed in the syllabus and defined by the respective faculty in consultation

with the Head of the Department (HoD) and Course Coordinator. These POs, PSOs, and COs are clearly communicated to faculty members, students, and stakeholders and are prominently displayed in key locations such as the HoD room, classrooms, laboratories, display boards, and faculty cabins. The syllabus for all courses is organized into units, with each unit corresponding to a specific course outcome. Each course includes five course outcomes, which are mapped to the relevant program outcomes and cognitive levels. This mapping is presented at the end of the syllabus, ensuring that the assessment pattern aligns with the cognitive level of each course outcome.

20.Distance education/online education:

IFETCE has implemented a comprehensive Learning Management System (LMS) and Student Management System across all its programs to provide a robust online teaching and learning environment. The college operates in a blended mode, combining online and offline instruction, with continuous monitoring and evaluation to ensure effective learning. Faculty members provide timely interventions to help students address areas of difficulty in a structured and time-bound manner. To support this blended learning approach, IFETCE has subscribed to Google Suite, utilizing tools such as Google Meet and Google Classroom. The institution actively encourages students and faculty to engage in online learning through platforms like NITTTR, NPTEL, Swayam, and Coursera, enhancing their knowledge and skills. Additionally, IFETCE has partnered with Skillrack and Terv, online platforms offering a wide range of potential placement interview questions. These platforms enable students to practice computer-based exercises from the comfort of their homes or hostels. A comprehensive program bank is also available for students to practice independently. Students with exceptional skills are encouraged to participate in international competitions through platforms like Kaggle, fostering their growth and exposing them to global challenges and opportunities.

Extended Profile

1.Programme

1.1   **12**

Number of programmes offered during the year:

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

2.Student

2.1   **2069**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	<u>View File</u>

2.2   **401**

Number of outgoing / final year students during the year:

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

2.3   **2069**

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

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

3.Academic

3.1   **613**

Number of courses in all programmes during the year:

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

3.2   **172**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	**12**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 Total number of students during the year:	**2069**

File Description	Documents
Institutional data in Prescribed format	View File

2.2 Number of outgoing / final year students during the year:	**401**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	**2069**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 Number of courses in all programmes during the year:	**613**

File Description	Documents
Institutional Data in Prescribed Format	View File

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

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

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:	**388**
4.2 Total number of Classrooms and Seminar halls	**65**
4.3 Total number of computers on campus for academic purposes	**729**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**356.26**

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, true to its Autonomous status, empowers all Programs/Departments to design and update the Curriculum and Syllabi to meet the evolving needs of industry and society. The curriculum is developed by considering:

1. Syllabi of esteemed Indian and international universities,
2. The model curriculum recommended by AICTE,

3. Program Specific Outcomes (PSOs),
4. Insights from Industry experts and alumni who contribute to Institutional Committees, and
5. Content from competitive exams such as GATE, IES, etc.

This approach ensures that students gain the necessary domain knowledge, skills, and attitudes. Each Department's Board of Studies (BoS) includes external members from industries and renowned universities, along with departmental faculty, to enrich the curriculum.

Aligned with the institution's vision and mission, the curriculum emphasizes employability, skill development, and entrepreneurship. Course Outcomes (COs) for each course are designed to reflect global developmental needs within the framework of Program Outcomes (POs). The curriculum comprehensively addresses all the attributes outlined in the POs and PSOs, equipping graduates with the 12 essential POs required to excel in the global arena.

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

10

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

287

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	**No File Uploaded**
Any additional information	View File

1.2 - Academic Flexibility

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

181

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	**No File Uploaded**
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

To integrate cross-cutting themes such as gender equity,

environmental sustainability, human values, and professional ethics, the Institute has thoughtfully embedded diverse courses into its curriculum. This initiative aims to nurture general competencies like social responsibility, ethical awareness, and environmental sensitivity, thereby fostering the holistic development of students. Additionally, the Institute actively engages in Community Outreach and Service activities through programs such as the National Service Scheme (NSS) and Youth Red Cross (YRC), particularly in adopted villages, to promote community welfare and social responsibility.

Courses like Professional Ethics in Engineering, Principles of Management, and Quality Management and Control Techniques emphasize moral and ethical values, equipping students with the foundational knowledge necessary for ethical decision-making in professional contexts. To enhance gender awareness and equity, courses like Women Empowerment address the importance of gender sensitization and equity.

The curriculum also prioritizes Environmental and sustainability issues through specialized courses, including 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. These courses educate students about critical environmental challenges and sustainable solutions.

Furthermore, the Institute facilitates co-curricular activities through platforms like the Indian Society for Technical Education (ISTE) and an Innovation Cell. These initiatives provide students with opportunities to engage in creative and socially impactful projects, ensuring a well-rounded educational experience that prepares them for responsible citizenship and professional excellence.

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

33

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

2039

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

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

1015

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_1/1.4.2_Feedback_System_of_Instituiton.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

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

659

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)

388

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.

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
Nil	2069	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

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://ifet.ac.in/pdf/cse-innovative-teaching.pdf

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/effectiveteaching.pdf
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

86

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	No File Uploaded

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)

1414

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

27

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

5

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 Exam cell.

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

399

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_24/criteria_2/annualreport.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_24/criteria_2/studentsatisfactionsurvey.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

To realize our vision and mission, our institution has taken significant steps to promote research and innovation among faculty and students, fostering collaborations with industries for mutual benefit. The Department of Electronics and Communication Engineering (ECE) is recognized as a research center by Anna University, offering guidance to research scholars. The research and project laboratories are regularly updated with support from institutional research seed money and funding from agencies such as DST and AICTE.

The Head of the Centre for Research conducts regular meetings and reviews to inspire both young and experienced faculty, fostering a positive research environment. Original research is ensured through a well-publicized plagiarism policy and the use of

Turnitin software. Beyond external funding, the institution provides seed money to faculty members for internal projects, encouraging their research endeavors. Investments in advanced equipment, such as a computerized creep testing machine and a digital torsion spring testing machine, totaling Rs. 4,04,250, have been made to enhance research facilities.

Faculty members are encouraged to apply for funding from various agencies, while students are motivated to submit their project ideas to funding bodies like TNSCST for academic project support.

Objectives:

- To acquire new scientific knowledge and design innovative methodologies across all fields of Engineering and Technology.
- To develop new tools and techniques aimed at solving problems, with a focus 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)

5.2

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

21

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	View File

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)

11.25

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	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

02

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://unnatbharatabhiyan.gov.in/public/uploads/downloads/List_of_UBA_SEG_Proposals_approved_in_FY_2023-24.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

10

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

02

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://unnatbharatabhiyan.gov.in/public/uploads/downloads/List_of_UBA_SEG_Proposals_approved_in_FY_2023-24.pdf
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/ 3.3.1Ecosystem23_24.pdf

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

48

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

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

05

File Description	Documents
URL to the research page on HEI website	https://www.ifet.ac.in/r&d.php
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

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

132

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

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

34

File Description	Documents
Upload any additional information	View File
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

481

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

20

File Description	Documents
Bibliometrics 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)

0.063

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

0.063

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 World AIDS Day Campaign an Pledge on 01.12.2022 in Gangarampalayam village through NSS.
- Awareness program on Blood doantion campconducted at IFET COLLEGE OF ENGINEERING on 31.08.2023

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://www.ifet.ac.in/NAAC_23/criteria_3/ 3.6.1Extensionactivites23_24.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

10

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)

11

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

421

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

63

File Description	Documents
Copies of documents highlighting collaboration	[View File](#)
Any additional information	[View File](#)

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)

39

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) occupies a total campus area of 14.919 acres, with a built-up area of 332,706.82 square feet. The campus comprises several blocks: the Main Building Block, Mother Teresa Block, Sir M. Visvesvaraya Block, Srinivasa Ramanujan Block, and Dr. A.P.J. Abdul Kalam Block. Classrooms and laboratories are located primarily in the Main Building Block, Sir M. Visvesvaraya Block, and Srinivasa Ramanujan Block.

The institute has 62 classrooms, 45 of which are equipped with LCD projectors and internet facilities to enable ICT-based learning. Each classroom includes a green /blackboard, a stage, and adequate lighting and ventilation. The institution also houses 35 laboratories and one workshop, providing a hands-on learning experience.

The central library, located in the Dr. A.P.J. Abdul Kalam Block, features a digital library equipped with computers for accessing e-learning resources. Additionally, the institute has three seminar halls: the Mother Teresa Seminar Hall, Main Building Seminar Hall, and Srinivasa Ramanujan Seminar Hall, with seating capacities of 600, 200, and 100, respectively. These halls are equipped with LCD projectors, internet access, speakers, amplifiers, collar microphones, podium microphones, and handheld microphones, making them suitable for seminars, academic sessions, and cultural events for both students and faculty.

The institute also provides well-equipped hostel facilities for male and female students, ensuring a comfortable and secure living

environment for its residents.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.ifet.ac.in/NAAC_24/criteria_4/ 4.1.1.pdf

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 provides excellent facilities for sports, indoor and outdoor games, a gymnasium, a yoga center, and cultural activities.

Outdoor Games

- Cricket ground: 1,18,043 sq. ft.
- Volleyball court: 1,733.33 sq. ft.
- Basketball court: 5,000 sq. ft.
- Badminton court: 2,640 sq. ft.
- Kho-Kho court: 3,200 sq. ft.
- Handball court: 8,611 sq. ft.
- Ball badminton court: 1,500 sq. ft.

Indoor Games

- Chess, carrom, and table tennis are provided with a total area of 2,000 sq. ft.

Gymnasium

The institution has separate gym facilities for boys (500 sq. ft.) and girls (536 sq. ft.), equipped with:

- Treadmills
- Standing twisters
- Exercise cycles
- Dumbbells

Cultural Activities

The campus includes an open auditorium with a seating capacity of 1,000 for cultural programs. The auditorium is designed to ensure

an enjoyable experience, featuring:

- A well-built stage visible to the entire audience.
- Proper lighting and sound equipment.
- Comfortable seating arrangements.
- High-quality microphones, speakers, and amplifiers.

Yoga Facilities

Separate yoga halls are available for boys (436 sq. ft.) and girls (600 sq. ft.), offering regular training sessions for students.

This structured approach ensures students have access to facilities that support their overall development in sports, fitness, and cultural activities.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.ifet.ac.in/NAAC_24/criteria_4/4.1.2.pdf

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

48

File Description	Documents
Upload any additional information	No File Uploaded
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)

187.40

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)

The institution's central library is spread across two levels: the first level (6,458.35 sq. ft.) and the mezzanine level (3,767.37 sq. ft.). In 2022, the library adopted KOHA version 22.04 software, replacing the earlier Auto-Lib software.

Features of KOHA

- Customizable, web-based interface.
- Full MARC (MARC21 and UNIMARC) support.
- Core modules such as OPAC, cataloging, circulation, acquisitions, serials, and reporting.
- Enhanced services like online reservations and purchase suggestions for users.

The library follows the Dewey Decimal Classification (DDC) system for organizing and arranging books. It has a total of 39,135 volumes and 7,827 titles, covering subjects like management, science and humanities, engineering, and technology. The collection also includes journals, newspapers, magazines, e-resources, project reports, back volumes, DVDs, and CDs.

Students and faculty have remote access to DELNET and e-journals. The library has subscribed to e-journals from Springer-Nature.and DELNET consortium.

Additionally, the library supports online learning through NPTEL lectures.

Facilities in the library include reprographic services, a stack area, a periodicals section, and a reading room with a seating capacity of 200. It also features computers with high-speed internet for accessing the digital library and other online resources.

This modernized library ensures students and staff have access to diverse resources for academic and research purposes.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.ifet.ac.in/NAAC_24/criteria_4/4.2.1.pdf

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	**No File Uploaded**

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

4.84

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

638

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 regularly updates its IT infrastructure to meet academic standards and requirements. Here are the strategies for upgrading IT facilities:

1. **The campus has 815 computers available for students and staff, supporting both academic and co-curricular activities. Printers are provided in key areas such as the administrative office, library, exam cell, and CoE cell.**

2. **The computers are networked across the entire campus, including the hostel, using single or multi-core fiber optic cables with speeds of 100/1000 Mbps, ensuring redundancy.**

3. **A secure Intranet and Firewall system manage the network, with a 100 Mbps dedicated leased line (1:1) for Internet connectivity. Secured Wi-Fi access is available and upgraded regularly.**

4. **The Data Centre houses key servers like Active Directory, DHCP, DNS, and application servers, along with routers, firewalls, and advanced Layer 2 and Layer 3 switches.**

5. **Old computers are replaced periodically, and software licenses are renewed as needed.**

6. **CCTV cameras are installed at important locations across the campus to ensure safety and monitor activities.**

7. **Antivirus software is regularly updated for system security, and IT-enabled devices are purchased based on requirements.**

8. **Regular maintenance is conducted for all IT facilities to ensure smooth operation.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.ifet.ac.in/NAAC_24/criteria_4/4.3.1.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2069	**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	**No File Uploaded**

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	https://www.ifet.ac.in/NAAC_24/criteria_4/4.3.4.pdf
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)

328.53

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.

The institution ensures cleanliness and maintenance in classrooms, labs, and seminar halls. Here are the key procedures followed:

1. Computer Maintenance: Technicians handle daily issues with computers.

2. Lab Maintenance: Lab equipment is serviced during semester breaks under the supervision of department heads and lab technicians.

3. Electrical Maintenance: Regular checks are conducted on all electrical devices.

4. Building Maintenance: Plumbing, painting, and other repairs are planned during vacations.

5. Library Maintenance:

   ○ The librarian and support staff manage the library.
   ○ A register is maintained for complaints and suggestions.
   ○ Dusting and cleaning of library resources are done regularly.
   ○ Books and journals are organized through shelving and re-shelving.
   ○ Damaged books are repaired as needed, and pest control is conducted to protect resources.
   ○ Maintenance of photocopiers, computer peripherals, power supplies, and UPS systems is managed through a formal maintenance process.

6. Sports Complex Maintenance:

   ○ The physical director oversees the maintenance of the Sports Complex, which includes playing fields, tracks, indoor games, and the gym.
   ○ The support staff clean and maintain these facilities regularly.
   ○ The physical director also prepares the Sports Complex for 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

1539

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

387

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	A. All of the above

organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

File Description	Documents
Link to Institutional website	https://ifet.ac.in/NAAC_24/criteria_5/5.1.3_Skill_Enhancement_23_24.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

198

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

5

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

0

File Description	Documents
Upload supporting data for students/alumni	**No File Uploaded**
Any additional information	**No File Uploaded**

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

32

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 established various committees with student representatives to actively engage them in academic and other activities. Among these, the Class Committee plays a pivotal role by ensuring representation from students of different academic performance levels and attendance records. This inclusive approach guarantees that diverse perspectives and experiences are taken into account. Incorporating students into the planning process offers valuable insights, helping to create initiatives that are centered around student needs. These initiatives may include improving the curriculum, enhancing support services, or addressing specific academic challenges.

Additionally, there is a separate committee for hostel students, with student members representing the hostel community, responsible for overseeing the basic amenities and services. The establishment of a Student Council is another excellent initiative, empowering students to take an active role in shaping their college community, developing leadership skills, and advocating for their peers' interests.

The institution also has various committees dedicated to academic and extracurricular activities, including:

- **Internal Quality Assurance Cell (IQAC)**

- • Class Committee
- • Planning Committee
- • Anti-Ragging Committee
- • Sports Committee
- • Hostel Committee
- • Student Council

Several student forums also operate within the college, allowing students to participate actively in a variety of activities:

- • NSS (National Service Scheme)
- • YRC (Youth Red Cross)
- • Tamil Sangam
- • ECO Club

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[https://www.ifet.ac.in/NAAC_24/criteria_5/ 5.3.2_Student-Activities.pdf](https://www.ifet.ac.in/NAAC_24/criteria_5/5.3.2_Student-Activities.pdf)

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

42

File Description	Documents
Report of the event	[View File](#)
List of sports and cultural events / competitions organised per year	[View File](#)
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 vibrant and supportive alumni community that actively contributes to the institution's growth and development. The Villupuram IFET Alumni Association plays a key role in promoting the vision and mission of the college, engaging alumni in various activities that align with these goals. The association facilitates interactions between students, management, and

faculty, fostering mutual benefits and encouraging ongoing connections within the alumni network.

These interactions offer students valuable guidance for higher studies and career advancement, with alumni providing essential support. The association also aims to maintain a comprehensive database of alumni, helping to establish, promote, and support local chapters in different regions of the state.

Alumni contribute to the college in several ways, including delivering guest lectures, serving as members of the Board of Studies, and offering their expertise as advisory members. Additionally, they provide important industrial and placement linkages, benefiting current students. The alumni association continues to support the institution by enhancing its reputation and contributing to its growth. Alumni entrepreneurs actively share their experiences through programs organized by the Entrepreneurship Development Cell, motivating students to explore entrepreneurial ventures and establish start-up companies.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://ifet.ac.in/NAAC_24/criteria_5/Alumni_Engagement_23_24.pdf

5.4.2 - Alumni's financial contribution during the year	E. <2 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 sets the overall direction for the institution. They create the strategic plan that outlines the institution's long-term goals and how it will achieve them.

The Principal and department heads are responsible for implementing the strategic plan. They create policies and procedures that align with the overall plan. The Internal Quality Assurance Cell (IQAC) ensures that all activities and programs meet the standards set by the strategic plan.

Department heads oversee the development of their respective departments. This includes improving infrastructure, providing necessary facilities, enhancing teaching and learning processes, ensuring student well-being, and organizing various academic and non-academic activities.

Faculty members play a crucial role in achieving the institution's goals. In addition to their teaching duties, they are responsible for contributing to the implementation of the strategic plan and helping the institution achieve its mission and vision.

The Strategic plan (2022-2027) of IFET College of Engineering includes the following key goals:

- Establish the institution as a nationally recognized mid-sized entity.
- Foster a culture of research and innovation.
- Enhance faculty development to address emerging academic and employability challenges.
- Offer state-of-the-art infrastructure and facilities of high quality.

At IFET College of Engineering, all faculty members contribute to fulfilling the institution's goals. Faculty input is valued at all levels. This broad involvement ensures that faculty perspectives are integrated into all aspects of institutional operations.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.ifet.ac.in/NAAC_24/criteria_6/6.1.1GCM.pdf

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

IFET College of Engineering effectively utilizes decentralized and participative management for all events, including the Orientation Program for First-Year Students held on November 8, 2021.

The Vice Principal and Dean Academics appointed coordinators and co-coordinators for the program on a rotational basis, empowering them to make key decisions with guidance from senior leadership.

Various committees, such as Stage Decoration, Parents Guidance, and Audio-Visual Arrangement, were formed with faculty members as in-charge. These committees were responsible for specific aspects of the program, fostering a collaborative and inclusive approach.

Faculty members also contributed to other committees, such as Participant Tracking, Catering, and Press & Media, further demonstrating the institution's commitment to participatory management. Regular meetings were held to discuss the event and ensure smooth coordination among all committees.

This approach ensures that faculty members are actively involved in event planning and execution, promoting a sense of ownership and contributing to the overall success of the Orientation Program.

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

IFET College of Engineering's 2022-2027 strategic plan emphasizes encourage faculty research and publications in high-impact journals indexed in Scopus and Web of Science. To strengthen industry collaborations, one credit industrial readiness course

offered by signing up MoU with TVS Training and Service Ltd. To achieve and maintain high placement records for graduates in top-tier companies, various training is conducted for 15 days per year to improve technical, communication and intra - personal skills. In order to actively participate in national rankings like NAAC and NIRF, faculties encouraged to register Ph.D, and offered research incentives and supported for faculty publications, conference presentations, and patent applications. Created an intellectual property rights (IPR) cell to guide faculty and students in protecting and commercializing their research findings. To explore the technical skill of the students, Innovation Park established with Dr.B.Elamvazhudi as its head to encourage student participation in research projects, conferences, and competitions like HACKATHON, IDEATHON etc. and support their entrepreneurial ventures. New courses like cyber security (CSE) and latest and trending technical lab like Drone laboratory and Product development laboratory. Thus, the key strategic plan improved in all above said areas.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.ifet.ac.in/NAAC_24/criteria_6/6.2.1Placement-Offers.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 a well-defined organizational structure to ensure efficient decision-making.

Governing Body: The Governing Body sets the overall direction, makes key decisions, and oversees the institution's operations.

The Vice-Principal and Principal oversee key departments like Quality Assurance (IQAC), academic departments (HoDs), Examinations, Training & Placement, and other crucial areas.

The Internal Quality Assurance Cell (IQAC) plays a crucial role in monitoring and enhancing the quality of education within the

institution.

Heads of Departments (HoDs) are responsible for the effective functioning of their academic departments.

The Training & Placement cell actively assists students in securing employment opportunities.

The Controller of Examinations is responsible for the smooth and fair conduct of all examinations.

The Librarian is responsible for the effective management of all library resources.,

The Physical Education Director is responsible for promoting physical fitness and sportsmanship.

The Finance & Administration department oversees all financial matters.

Service Rules: The college's service rules comply with the guidelines of Anna University, and

AICTE and 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:

- **Comprehensive benefits: Free transport, EPF, and internet access.**
- **Career growth: Promotions are based on Qualification and experience.**
- **Professional development: Encouraged to attend workshops, FDPs, and conferences with paid leave.**
- **Leave benefits: Access to medical, casual, on-duty, compensation, and maternity leave (Women).**
- **Other benefits: Enjoy semester vacations, telecommunication facilities, an overcoat, refreshments, and a well-defined HR policy with incentives and rewards.**

Welfare measures Non-Teaching Staff:

- **Core benefits: Receive free transport, EPF, medical leave, and access to casual, on-duty, and compensation leave.**
- **Vacation time: Enjoy semester vacations.**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.ifet.ac.in/NAAC/IFET_HR_Policy.pdf

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

30

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

1

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

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.)

73

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	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The Indo-French Educational Trust, a non-profit organization recognized by the Indian government, adheres to strict financial accountability. As mandated by the Income Tax Act (Section 12A), the Trust undergoes annual financial audits. These audits,

conducted by both internal teams appointed by management and external auditors (A.R. Krishnan & Associates, Chartered Accountants), ensure the accuracy and transparency of all financial transactions. All financial data is meticulously recorded in a computerized environment using licensed software (Tally-EPR) and analyzed using Microsoft Excel. This comprehensive system, along with daily cash verification and a policy of receiving all income through bank channels, ensures the integrity of financial records. The Trust diligently files Income Tax returns and ensures all financial activities comply with relevant tax laws. Statutory auditors scrutinize all financial records and certify the accuracy and fairness of the financial statements, taking into account the findings of internal audits.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.ifet.ac.in/NAAC_24/criteria_6/ INT-EXT%20Audit.pdf

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), being a self-financed institution, primarily relies on student tuition fees collected as per government regulations. Faculty research grants from agencies like AICTE, DST, ICSSR, and CSIR contribute significantly. The college maintains a robust financial management system outlined in its "POLICY DOCUMENT FOR FINANCE." The Finance and Accounts

Department prepares the annual budget, considering all recurring and non-recurring expenses and contingencies.

Department heads and coordinators from various departments (R&D, Exams, Training & Placement, NSS, etc.) submit budget proposals to the Finance and Accounts Department for evaluation and approval. The Finance Committee, chaired by the Chairman, Trustees, and Principal, makes all major financial decisions. Fund allocation prioritizes key areas based on resource availability.

Contingencies and unplanned expenses require management approval. All major expenditures are meticulously analyzed and categorized under key heads: Research & Development, Training & Placement, Software, Internet, Library resources, Maintenance, Printing & Stationery, Lab Equipment, and Fixed Assets. This structured approach ensures the effective and efficient utilization of available resources.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.ifet.ac.in/NAAC_24/criteria_6/6.4.3-RP.pdf

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 emphasizes active student engagement through hands-on experiences and interactive activities. Unlike traditional passive learning methods like lectures and rote memorization, this approach encourages students to actively participate in the learning process, fostering critical thinking, problem-solving, and a deeper understanding of the subject matter. At IFET College of Engineering (IFETCE), activity-based learning is implemented across all courses. By actively engaging students in the learning process, this approach enhances creativity and facilitates a deeper understanding of concepts for all students.

For example,

In Department of Electronics and Communication Engineering,Course
name &Code : 19UECPC303- Signals and Systems for RegulationR2019.

In unit 1, the activity mentioned was the Generation of
Continuousand Discrete Time signals. Students have done this
activity usingScilab software. This helps our students to easily
analyze anddifferentiate 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 IFET College of Engineering's Internal Quality Assurance Cell
(IQAC) actively promotes the integration of technology into daily
teaching practices to enhance efficiency and reduce faculty
workload. Before implementing any new technology, rigorous testing
and reviews are conducted with a sample population of students and
faculty to ensure its effectiveness and address potential issues.
Operational challenges encountered during implementation are
promptly resolved based on user feedback. In response to these
reviews, IFETCE implements technology integration reforms,
including providing faculty with training and support to enhance
their digital teaching skills. The IQAC also recommends the
development and implementation of a robust Learning Management
System (LMS) to facilitate seamless content delivery, assignment
submission, and student engagement.

Faculty Development and Support:

The IQAC empowers department heads to play a crucial role in
identifying and addressing the training needs of their faculty. At
the beginning of each semester, before subject allocations are
finalized, department heads assess the faculty's expertise and
identify areas where specialized knowledge is lacking. If a
vacancy exists, the department strives to recruit new faculty with
the required expertise. However, in the absence of suitable

candidates, existing faculty are provided with targeted training programs to enhance their skills and knowledge 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	**Nil**
Upload e-copies of accreditations and certification	[View File](#)
Upload details of quality assurance initiatives of the institution	[View File](#)
Upload any additional information	[View File](#)

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 following activities have been conducted during the year 2023-24 under the annual gender sensitization action plan.

1. Workshops and Training Sessions

- **Gender Sensitization Workshops:** Organized workshops on gender sensitivity for employees and students.
- **Gender Equity in the Workplace Training:** Training sessions to address workplace biases, harassment, and the promotion of a gender-equal environment.
- **Resource Person:** Mrs. M. Geetha & Ms. Pavithra from Sri Aurobindo Society Research Institute from Pondicherry

2. Awareness Campaigns

- **International Women's Day (March 8th) Activities:** Celebrations, discussions, and workshops about gender equality, recognizing the achievements of women.
- **Men's Role in Gender Equality Campaign:** A campaign encouraging men to be advocates of gender equality in personal, professional, and societal spaces.

3. Self-Defense Training

- Self-defense classes for female students and staff to build their confidence and skills to protect themselves in potentially dangerous situations.

4. Specific facilities provided for women

- Safety and Security
- On-Campus Security Measures
- 24/7 Security Personnel
- Women-Only Security Personnel
- Emergency Call Systems
- CCTV Surveillance
- Well-lit and Secure Areas
- Sexual Harassment Complaint Redressal Systems
- Awareness Programs
- Safety Apps
- Counseling and Support Services for Students
- Confidential Counseling Services
- Common Room
- Safe Spaces for Women
- Maternity and Parental Leave

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://ifet.ac.in/NAAC_24/criteria_7/7.1.1%20gender-equity_photos.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)

The institution has established comprehensive waste management facilities to handle both degradable and non-degradable waste efficiently.

1. Degradable Waste Management:
    - Biodegradable waste such as food scraps and organic waste is segregated and collected separately.
    - The institution has installed composting systems to convert organic waste into nutrient-rich compost, which can be used for gardening and landscaping purposes.
    - Dedicated bins for organic waste are strategically placed across the campus, ensuring proper segregation at the source.
2. Non-Degradable Waste Management:
    - Non-degradable waste like plastics, glass, and metals are collected in designated recycling bins placed around the campus.
    - The institution promotes the use of recyclable materials and works with certified recycling agencies to ensure proper disposal and recycling of these materials.
    - E-waste such as old electronics is carefully handled

and disposed of through authorized e-waste management services, ensuring environmental safety.

○ **Awareness campaigns are conducted regularly to educate students and staff about proper waste segregation and recycling practices.**

The institution's efforts aim to reduce the overall waste footprint and contribute to environmental sustainability by promoting recycling and composting while ensuring responsible disposal of both degradable and non-degradable waste.

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

1. **Restricted entry of automobiles**
2. **Use of bicycles/ Battery-powered vehicles**
3. **Pedestrian-friendly pathways**
4. **Ban on use of plastic**
5. **Landscaping**

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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,	A. Any 4 or all of the above

reader, scribe, soft copies of reading materials, screen reading, etc.	

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	View File

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 is committed to fostering an inclusive environment that embraces cultural, regional, linguistic, communal, socio-economic, and other diversities. Several initiatives are in place to promote tolerance and harmony among all members of the community:

1. Cultural Celebrations: The institution celebrates various cultural festivals, including regional and religious festivals, to promote mutual understanding and respect for different traditions and beliefs. Students actively participate in organizing and enjoying these events.

2. Diversity in Curriculum: The curriculum is designed to include topics that promote awareness and appreciation of different cultures, languages, and socio-economic backgrounds, encouraging open discussions on diversity.

3. Language Inclusivity: The institution supports students from diverse linguistic backgrounds by offering language support programs and encouraging the use of multiple languages in campus communication.

4. Student Welfare Programs: The institution runs initiatives to support students from various socio-economic backgrounds, including scholarships, financial aid, and mentorship programs, ensuring equal opportunities for all.

5. Counseling and Support Services: A robust counseling system

is in place to address the concerns of students from diverse backgrounds, providing guidance and support to ensure their well-being and integration into the campus community.

6. Inclusive Campus Activities: The institution encourages participation from all students, regardless of their background, in various academic, cultural, and extracurricular activities, promoting inclusivity and unity.

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:

The institution actively sensitizes students and employees to their constitutional obligations, emphasizing values, rights, duties, and responsibilities of citizens through various initiatives:

Activities aimed at fostering a sense of nationalism include educating students on the importance of following national laws, encouraging active participation in environmental conservation, and promoting a spirit of unity among people.

National Integration: To uphold the Constitution and show respect for the national anthem and flag, our institution observes flag hoisting and unfurling rituals on Republic Day and Independence Day.

Responsibilities as Citizens: National Voters' Day, celebrated annually on January 25th, aims to raise awareness among students about the fundamental right to vote, empowering them to actively participate in the democratic governance of the nation.

Follow the Ideals of the Freedom Struggle: Martyr's Day is observed on our campus to instill in students an understanding of

their rights and duties, paying tribute to the brave individuals who sacrificed their lives for the nation's freedom and honoring the sacrifices of soldiers.

Spirit of Brotherhood: The NSS unit regularly organizes blood donation camps and medical awareness programs in nearby villages to foster national integrity, promote human values, and enhance communal harmony.

Preserving the Natural Environment: Our institution also conducts awareness campaigns emphasizing the importance of banning plastics and promoting cleanliness to protect the environment.

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

Here's a brief overview of the commemorative events celebrated by our institution in 2023 -2024:

1. International Day of Action for Women's Health (29.05.2023) – Dr. S. Matilda, Vice Principal & Dean Academics, IFETCE
2. World Environment Day (05.06.2023) – Dr. G. Mahendran, Principal, IFETCE
3. International Yoga Day (21.06.2023) – Mrs. K. Elavarasi, ASP/IT & Mr. B. Balaji, Senior Assistant Professor/EEE, IFETCE
4. World Population Day (11.06.2023-Dr. S. Matilda, Vice Principal & Dean Academics, IFETCE
5. World Youth Skills Day (15.07.2023) – Dr. G. Mahendran, Principal, IFETCE
6. World Nature Day (28.07.2023) – Dr. S. Matilda, Vice Principal & Dean Academics
7. International Youth Day (12.08.2023) – Dr. P. Pughazendiran, COE
8. Independence Day (15.08.2023) – Dr. G. Prabakaran, ASP/ECE,
9. National Sports Day (29.08.2023) – Dr. G. Mahendran, Principal
10. National Small Industry Day (30.08.2023) –Dr. G. Mahendran, Principal
11. Teacher's Day (05.09.2023) – Chief Guest: Dr. G. Mahendran, Principal
12. International Literacy Day (08.09.2023) – Dr. S. Matilda, Vice Principal & Dean Academics
13. Engineer's Day (12.09.2023) – Dr. G. Mahendran, Principal
14. International Peace Day (22.09.2023) – Dr. P. Jacquline Rosy, Professor/S&H,

15. World Food Day (16.10.2023) - Dr. S. Matilda, Vice Principal & Dean Academics
16. International Day for the Eradication of Poverty (17.10.2023) - Mr. Nedumaran, Rtd. General Manager, NLCIL
17. National Unity Day (31.10.2023) - Sergen. N. Mohan, Veteran President, Puducherry
18. National Education Day (10.11.2023) -Dr. K. Padmanaban, AP/English
19. National Energy Conservation Day (05.01.2024) - Dr. K. Sridharan, Senior Engineer,
20. National Youth Day (12.01.2024) - Prof. V. Velmurugan, Dept. of Mech.Engg
21. National Startup Day (09.02.2024) - Dr. B. Elamvazhudi, IIC Innovation Ambassador (IPR)

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://ifet.ac.in/NAAC_24/criteria_7/7.2.1-Best_Practices.pdf`

`Best Practice 2:`

`Title: Nourishing Research Culture`

`https://ifet.ac.in/NAAC_24/criteria_7/7.2.1-Best_Practices.pdf`

File Description	Documents
Best practices in the Institutional website	https://ifet.ac.in/NAAC_24/criteria_7/7.2.1-Best_Practices.pdf
Any other relevant information	https://ifet.ac.in/NAAC_24/criteria_7/7.2.1-Best-Evidences.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)

`Our institution, with a strong vision focused on rural education and community development, has consistently worked to improve the lives of rural students. Established 25 years ago, we maintain a close bond with the local community, particularly farmers, providing opportunities for learning both within and beyond academic coursework. Students from rural backgrounds are exposed to a knowledge-rich environment, with initiatives that include technical instruction, soft skill development, group discussions, and aptitude training, all designed to enhance their employability.`

`The institution further strengthens its outreach through extension programs aimed at addressing the needs of the locality. Annual awareness campaigns focus on critical issues, fostering community engagement. Notably, our NSS and Youth Red Cross units organize a Blood Donation Camp each year in partnership with the local health center and government medical hospital. This initiative has successfully collected over 100 units of blood annually.`

`In addition, the college drives technological advancements that directly benefit the rural community, particularly in our adopted villages. By transferring innovative solutions through various projects, we aim to enhance the livelihood of the rural population. Our commitment to providing quality education and`

fostering intellectual and emotional growth ensures that we remain responsive to the needs of the educationally backward society, making us distinctive in our performance.

File Description	Documents
Appropriate link in the institutional website	https://ifet.ac.in/NAAC_24/criteria_7/7.3.1-Institutional_distinctiveness.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- Review and update the curriculum to align with industry standards, emerging technologies, and the latest trends in engineering fields.
- Seek re-accreditation (NBA, NAAC, NIRF etc.,) from national and international bodies to ensure the quality and recognition of our programs.
- Incorporate interdisciplinary learning opportunities, integrating soft skills, innovation, and entrepreneurship into technical courses.
- Encourage faculty to research and collaborate with industry partners to foster innovation.
- Strengthen mentorship programs, guiding career development and personal growth.
- Build stronger ties with local and global industries to facilitate internships, projects, and placement opportunities.
- Establish industry-academia partnerships for collaborative research, innovation hubs, and student-led startups.
- Invest in modernizing laboratories and research facilities to support cutting-edge learning and research activities.
- Initiate more social responsibility projects that benefit the local community, such as health camps, environmental sustainability efforts, and skill-building workshops.
- Strengthen relationships with top companies to improve placement opportunities and provide comprehensive career guidance services.
- Host recruitment drives, campus interviews, and resume-building workshops to better prepare students for the competitive job market.