YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	IFET COLLEGE OF ENGINEERING
• Name of the Head of the institution	Dr.G.MAHENDRAN
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	04146231456
• Alternate phone No.	04146231457
• Mobile No. (Principal)	8778743863
• Registered e-mail ID (Principal)	principal@ifet.ac.in
• Address	IFET NAGAR
• City/Town	GANGARAMPALAYAM, VALAVANUR TK , VILLUPURAM DIST
• 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	**N. Sethuraman**
• Phone No.	**04146231456**
• Mobile No:	**9786522396**
• IQAC e-mail ID	**aqar@ifet.ac.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.ifet.ac.in/AQAR/AQAR-report-20-21.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/NAAC_22/criteria_2/AcademicCalender21-22.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B**	**2.64**	**2015**	**10/06/2015**	**25/02/2020**
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/H&S/Dr. K.Margandan, Dr Murugan	SEMINAR	CSIR	22/06/2021	0.25 Lakhs
IFET/CSE/H&S /Dr S. Matilda, Dr.A.John Dhanaseely, Mrs.A.Dhanalakshmi, Mrs.A.Anbukkarasi	VILLAGE SURVEY	MHRD	12/09/2021	0.50 Lakhs
IFET/CSE/Dr. T.Ananthkumar, Mr. Giridharan	SEMINAR	CSIR	07/10/2021	0.30 Lakhs
IFET/CSE/Dr T Ananthakumar, Mr. Manikandan	WORKSHOP	CSIR	07/10/2021	0.15 Lakhs
IFET/MECH/Dr. Ganesa Balamurugan Mr.S Santhoshkumar/ Mech	SEMINAR	CSIR	25/11/2021	0.20Lakhs
IFET/H&S/Dr. K.SanthanaLakshmi, Ms. Pavithra	SEMINAR	CSIR	25/11/2021	0.10 Lakhs
IFET/CSE/Dr S. Matilda, Mrs Usha Rani, Mr Rajmohan	SEMINAR	AICTE	29/11/2021	0.93 Lakhs
IFET/EEE/Dr. P. Pugazhend	SEMINAR	SERB	16/12/2021	0.50 Lakhs

hiran, Mrs. Velammal				
IFET/CSE/Dr. R.Thendral, Mrs.V.Gokulpriya	SEMINAR	ICSSR	28/12/2021	0.80 Lakhs
IFET/S&H/ Dr .K.Santhanalakshmi, Mrs. A.Anbukkarasi	SEMINAR	ICSSR	29/12/2021	1.00 Lakhs
IFET/S&H/Dr. P.Jacqueline Rosy Ms. D.Gayathri, Mr.V.Mohan	SEMINAR	CSIR	18/01/2022	0.20 Lakhs
IFET/EEE/Mr. M.Sujith, Dr. P.Mannivanan	SEMINAR	CSIR	18/01/2022	0.15 Lakhs
IFET/S&H/ Dr.R.Satheesh Kumar, Mr. B.Elamvazhudhi, Mr.M.Sakthivel	SEMINAR	SERB	28/01/2022	0.60 Lakhs
IFET/CSE/Dr. S.Matilda, Mrs.P.Dharani Devi	SEMINAR	ICSSR	31/01/2022	0.80 Lakhs
IFET/CSE/Dr. T.Ananthkumar, Mrs.S.Usharani, Mrs.P.Manjubala	SEMINAR	ICSSR	31/01/2022	1.00 Lakhs
IFET/CSE/Dr. P.Kanimozhi, Mrs.S.Usharani, Mrs.P.Manjubala	SEMINAR	ICSSR	31/01/2022	1.00 Lakhs

IFET/ECE/Dr. R.Senthil Kumaran, Mrs.M. Nivet hakumari, Mr .B.Elamvazhu dhi	SEMINAR	CSIR	07/02/2022	0.20 Lakhs
IFET/CSE/Dr. S.Matilda, M rs.S.Usharan i, Mr.A.Bala chandar	CONFERENCE	CSIR	14/03/2022	0.20 Lakhs
IFET/S&H/Dr. T Soupramanien ,Mrs.Usharan i, Mrs A. Anbukkarasi	SEMINAR	ICSSR	15/03/2022	0.80 Lakhs

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 the year?	No
• If yes, mention the amount	

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

• AQAR for the year 2020-21 has been submitted. • Initiative to

improve the salary package of students in placements by bringing more product-based companies for campus interview. • Preparation of Digital Course Content for all the subjects in the curriculum and uploading to ERP. • NIRF band discussions are done in IQAC meetings to analyse and improve NIRF Ranking. • Enhancing employability skill has been implemented in personality development programmes.

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
To enhance the employability skills of students and campus placement.	Placement training given to the willing and eligible students; career development training programmes also conducted for the students to get offers in reputed software and core companies with good salary package.
Research Promotion	To encourage the faculty members to pursue Ph.D for the quality betterment of their career. These results good publications in well reputed journals.
To conduct Value added courses through Centre of Excellence	Courses namely Network Engineering - Routing and Switching, Project Planning and Management, Advanced Java Programming, Data Science with Python, 3D Printing were conducted to make the students industry ready.
Sports Activities	Sports day is organized in our institution to explore the student's talent in athletics and other indoor and outdoor game activities. Students have won medals in zonal level competitions conducted by the university and other Intercollegiate competitions.
To Submit the AQAR for the year 2020-2021	Submitted the AQAR for the year 2020-2021 in the NAAC portal.
To conduct an IEEE Conference	IEEE conference was successfully conducted on 25th and 26th March 2022.

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	17/12/2021

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2022	31/03/2022

15.Multidisciplinary / interdisciplinary

The institution has undergraduate programmes in Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Information Technology, Mechanical Engineering, Artificial Intelligence and Data Science, Artificial Intelligence and Machine Learning. The department of Science and Humanities has Mathematics, Physics, Chemistry, English and General Engineering under its awning and provides strong support to all the undergraduate Engineering programmes in incorporating science and mathematics courses in the curriculum. All the programmes have a curriculum with syllabi consisting of theory and practical courses. The courses are categorised under 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), which include project work and/or industry internships, seminars, case studies, placement training courses, and industrial and practical training.

16.Academic bank of credits (ABC):

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

Academic bank of credits is a credit facility originally envisioned

by the Government of India in the National Education Policy (NEP) 2020. The scheme has the provision of creating a digital infrastructure that will store the academic credits earned by the students of various higher education institutions within the country. The ABC will be entrusted with responsibilities such as opening, closing, and verifying the individual academic accounts of students. It will also be responsible to gather the academic credits earned by the students from their respective higher education institutions, verify the credits, store the credits, transfer or redeem such credits, and provide them as and when required to its stakeholders.

17.Skill development:

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

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

The promotion of Indian culture is important not only for the nation but also for the individual. Cultural awareness and expression are among the major competencies considered important to develop in children, in order to provide them with a sense of identity, belonging, as well as an appreciation of other cultures and identities. It is through the development of a strong sense and knowledge of their own cultural history, languages, and traditions that children can build a positive cultural identity and self-esteem. Thus, cultural awareness and expression are important contributors both to individual as well as societal well-being.

In order to promote our culture, IFETCE has followed the traditional things for all the college functions like Rangoli, Lighting the Kuthuvilaku, Prayer song etc. Also, IFET TAMIL SANGAM —conducts various events to the students like Poetry competition, essay competition and pattimandram (debate) to develop the Tamil

language.

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

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

IFET College of Engineering follows outcome-based education.

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

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

20.Distance education/online education:

IFETCE has implemented a learning management system

and a student management system across all its programmes to ensure that our students are provided with an online teaching and learning environment also. The college is carrying out its teaching and learning process in blended mode, where continuous monitoring and evaluation are done. Faculty provide timely intervention so that students can understand the grey areas in a time-bound manner. For this purpose, the college has subscribed to Google Suite and Google tools like Google Meet, Google Classroom, etc. IFETCE consistently encourages the students and all the faculty members to participate and learn through online courses like NITTTR, NPTEL, Swayam, Coursera, etc. Our institution has got a tie up with skillrack, a practising online platform containing probable questions in the placement interview.

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	11

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

2.Student

2.1 Total number of students during the year:	1494

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

2.2 Number of outgoing / final year students during the year:	356

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:	1494

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 Number of courses in all programmes during the year:	**525**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 Number of full-time teachers during the year:	**180**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3 Number of sanctioned posts for the year:	**189**

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**492**
4.2 Total number of Classrooms and Seminar halls	**46**
4.3 Total number of computers on campus for academic purposes	**716**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**227.09**

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 is an Autonomous Institution where all the departments are authorized to create and modify the curriculum and syllabi based on the needs of industry and society. The Curriculum is designed after referring to (i) Syllabus of various reputed Indian and International Universities (ii) Model curriculum prescribed by AICTE (iii)The Program Specific Outcomes (PSOs) of professional bodies (iv) Suggestions by industry experts and alumni who form parts of various bodies of the institution (v) Syllabi of various competitive exams like GATE, IES, etc. This is to ensure that the students acquire the required domain knowledge, skills and attitude. The Board of Studies(BoS) of each department has external members from various industries and reputed universities apart from faculty members of each individual Department. In tune with the Mission and vision of the institution the curriculum and syllabus are formed focussing on employability, skill development, and entrepreneurship. Likewise, Course Outcomes(COs) of each course are framed such that the aspects of global developmental needs are reflected in the POs. All the attributes mentioned in POs and PSOs are completely addressed by the curriculum. This is to attain graduated engineers to have all 12 POs, to help them compete on a global platform.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	https://ifet.ac.in/NAAC_22/criteria_1/vision%20mission%2021-22.pdf

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

07

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

196

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

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

102

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

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

11

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

1.3 - Curriculum Enrichment

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

In order to integrate the cross cutting issues relevant to gender, environment and sustainability, human values and professional ethics, the College has infused different types of courses in the curriculum, to inculcate general competencies like socialvalues, human values, environment sensitivity etc., thereby leading to the holistic development of students.In addition Community Outreach and Sevice through NSS and YRC is implemented in the adopted villages.

Professional Ethics: Moral and ethical values, and Human values are educated to students through some of the courses like Professional ethics in Engineering, 19MBAPC101-Principles of Management and 19MBAPC106-Quality Management and Control Techniques

Gender Sensitization To create awareness about cross-cutting issues related to gender we have courses like Women Empowerment. To educate them about gender equity among students.

Environment and Sustainability: This institution has adopted many cover initiatives by introducing various courses like 19UCYOE501-Environment and Agriculture,19UCYOE502-Solid and Hazardous Waste Management,19UCYOE601-Industrial waste Management,19UCYOE602-Green Technology,19UCYOE604 -Air pollution and control Engineering,19UCYOE701-Environmental pollution and E-waste management and 19UCYOE802-Chemicals in Environment and Public Healthin curricullam to address the issues and solutions related to environment and sustainability.

In addition, we are also having ISTE, and Innovation cell, which are available to aid in the co-curricular activities of the students.CEMP projects are held during their second semester which allows them to apply their knowledge in an interdisciplinary manner to achieve a goal.

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	View File

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

16

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

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

1369

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

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

1640

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

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://www.ifet.ac.in/NAAC_22/criteria_1/Feedbacks/Action%20taken%20report%202021-22.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

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

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.ifet.ac.in/NAAC_22/criteria_1/Feedbacks/Action%20taken%20report%202021-22.pdf
Any additional information	View File

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

529

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)

270

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 assess 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 learners 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 utilise this to learn each topic at their own pace.
3. **Online Classes on Weekends** -Online classes on Weekends by concerned subject faculty.

Special measures for advanced learners:

1. **Fastrack Course** - Students who secured above 7.5 CGPA and all clear till 6 sem are eligible for doing the fastrack course.
2. **One additional Library Card**
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	<u>View File</u>
Paste link for additional information	<u>https://www.ifet.ac.in/NAAC_22/criteria_2/GUIDELINES(S&A).pdf</u>

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/06/2022	**1494**	**180**

File Description	Documents
Upload any additional information	<u>View File</u>

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**
- **Basic Science Project(CEMP)**
- **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 for preparing project proposals thus achieving peer learning.

- Activities through various Clubs and Professional Societies
- Awareness Camp on Entrepreneurship
- Guest Lectures, Workshops and Seminars
- Co-Curricular Events

Problem-Solving Learning:

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

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

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

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

The faculty members use various ICT Tools to make the session interactive and knowledge sharing. During regular class and guest lectures; projectors are used. Online classes were conducted during the lockdown period through Zoom, Google Meet, etc. For all the course's digital study material, lecture slides are available for all programs in respective Google classrooms. The tools used include the following:

•LCD Projectors for all classes -The faculty and students can efficiently deliver PowerPoint presentations and videos with digital tools

•Virtual Lab -To provide remote access to Labs in various disciplines of Science and Engineering.

- IFET ERP with LMS -Students can access IFET ERP developed by our institution for all course materials, assignments, and notifications to update themselves for an effective learning process.

- Digital Library - Faculty and students can easily access an automated digital library through a personal computer and an online public access catalogue system.

- NPTEL-SWAYAM -students are encouraged to upgrade their knowledge by doing courses from various platforms such as NPTEL /SWAYAM.

- Digital Platforms like Google Classroom, Edpuzzle and Zoom -Digital platforms like Google Classroom and Edpuzzle are used for teaching-learning, assignments and assessment purposes.

- Online Class - Google Meet and other platforms are utilized to conduct online classes. In order to improve the effectiveness of online teaching in departments like Mathematics faculty members are provided with digital tablets.

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

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

2.3.3.1 - Number of mentors

52

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

180

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

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

31

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)

1317

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

16.75

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

6

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. The 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 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 Examination System. The name of the software tool used is COXO for all our examinations related works. Once the makes are entered, Grade, Percentage and Cumulative Grade Point Average (CGPA), preparation and analysis of results are done automatically. The mark statement of every semester is produced using the software package and distributed to the students through ESE 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_COE_MANUAL.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 courseare 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://www.ifet.ac.in/NAAC_22/criteria_2/CSE%20UG%20Syllabus%20Book%2021-22.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://www.ifet.ac.in/NAAC_22/criteria_2/Attainment%20CO&PO%202021-22.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

356

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://www.ifet.ac.in/NAAC_22/criteria_2/COE%20ANNUAL%20REPORT%202021-22.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_22/criteria_2/21-22%20STUDENT%20SURVEY.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

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

sponsored funding from agencies like DST, AICTE etc., Regular meetings and reviews are conducted by the Head of Centre for Research to create a positive vibe in the minds of all the faculty young and experienced alike.Original research work is ensured through well publicized plagiarism policy and Turnitin software. Apart from funding agencies, the Institution also provides SEED money to potential faculty members to carry out internal projects and encourage them in their research activities.The equipments like MPFI and CRDI experimental setup are sanctioned under MODROBS scheme a cost of Rs-9,57,330/-- to improve the research facility. Faculty members are encouraged to apply for various funding agencies and pursue their research. Students also encouraged to apply their project ideas to various funding agencies such as TNSCST to avail funds for their academic project.

Objectives of Research:

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

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

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

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

1.4

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

51

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

3.2 - Resource Mobilization for Research

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

15.5

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

27

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://ifet.ac.in/funds_received.php
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

08

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

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

06

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.tanscst.tn.gov.in/results
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 a well-established and active Centre for Research and Development, with members drawn from all departments. The R&D Head encourages students and faculty members to carry out innovative research and gives regular updates of funding agency schemes announced from time to time.Special talks on IPR and patent registration processare conducted to encourage patent registration. The Research Committee comprising of senior members from all departments assemble at regular intervals to discuss about

schemes or research issues to enhance the research culture in the Institution.

The Institution has an ecosystem for innovations including Entrepreneur Development Cell and Incubation Cell for helping successful engineering graduates to float startup ventures and technology transfer. IIC which works with mentor mentee concept enhances the innovative idea culture in the institution by conducting innovative contests to develop the research work.The Entrepreneur Development cell guides the students to towards entrpreneurship employability growth by conducting several motivational programs and employability training in various methods.

Institution's Innovation Council (IIC)@ IFETCE has created an ecosystem for supporting young minds toward innovation and entrepreneurship. It provides assistance for successful start-ups of faculty and students. They are encouraged to convert innovative ideas into working prototypes.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[https://ifet.ac.in/NAAC_22/criteria_3/3.3.1% 20ADD%20INFO%2021-22.pdf](#)

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

25

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	A. All of the above

methodology course work Plagiarism check through authenticated software

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

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

3.4.2.1 - Number of PhD students registered during the year

04

File Description	Documents
URL to the research page on HEI website	https://ifet.ac.in/research-development.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

265

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

17

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.ifet.ac.in/NAAC_22/criteria_3/book%20link%2021-22.pdf

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

349

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

22

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

3.5 - Consultancy

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

1.75

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	View File
Any additional information	View File

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

1.75

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	View File
List of facilities and staff available for undertaking consultancy	View File
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 extension activities in our college make the students to understand the community in which they will work and identify the needs and problems of community and involve them in problem solving. Extension Activities aims at enabling our students/volunteers to develop social responsibility and learning by doing. Service attitude is essential for any professional to flourish in his/her job. Our extension activities have multiple dimensions such as Youth Red Cross, Red Ribbon Club, etc. The professional as well as life skill development of engineering graduates is balanced through extension activities. Students also learn other skills that help them lead a better life in various situations. Students used to go

to the nearby villages to involve themselves in the field work thereby knowing the real conditions of the villagers.

The following activities have been carried out through National Service Scheme/YRCduring the academic year 2020-2021:.

- Every year we celebrate our national days like Republic day, Independence day for remembrance of our freedom fighters and their hard work. NSS students have carried out tree plantation in the Institution premises every year.
- Our NSS students had created the awareness about Covid-19, in nearby villages maintaining a social distance in public place.
- Students had organized Blood donation camp and many donors donated their bloods with a sense of responsibility for the social cause.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[https://ifet.ac.in/NAAC_22/criteria_3/NSS-YRC-Extension%20activities%202021-2022.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

06

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)

06

File Description	Documents
Reports of the events organized	View File
Any additional information	**No File Uploaded**

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

474

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

297

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)

32

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	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

IFET College of Engineering (IFETCE) has a total site area of 14.919 acres with a total build-up area of 3,32,706.82 square feet, providing facilities for effective teaching and learning. There are three blocks (Main building, Sir. M. Visvesvaraya andSrinivasa Ramanujan). Classrooms, laboratories and computing equipments are well-equipped and established as per AICTE and Anna University norms.

Classrooms & Seminar halls:

The institution has 43 well-furnished, well-ventilated and spacious classrooms with ICT facilities and Wi-Fi connectivity for conducting theory classes. The college has three spacious seminar halls. These halls are used for conducting seminars, workshops and conferences for students and faculty members.

Laboratories:

There are a total of 33 domain-specific laboratories. These labs are utilized for conducting practical classes per the curriculum's requirements.

Computing equipment:

The institution has 796 systems connected to the network, spreading throughout the entire campus via Single/Multi-core Fiber Optic with redundancy of 100/1000 Mbps. Systems in each block are connected to the server room through a VLAN network to avoid network traffic and maintain data speed. The Srinivasa Ramanujan Block is configured with an individual HPE server with five-terminal access. COXCO software is configured with a Windows Active Directory server to store confidential data in the COE. The ERP database is also stored on individual terminals. AMPLE software is used to store LMS data on the HPE server, and another terminal is used for backup purposes.

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

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and

outdoor) including gymnasium, yoga centre, auditorium etc.)

Outdoor Games:

The institution's sports facilities include a football field established in 2005, covering 59,608 square feet. Additionally, a volleyball court, introduced in 2006, spans 1,733.33 square feet. A basketball court, in 2006, covers 5,000 square feet. In 2015, three courts were established for badminton enthusiasts, with each court covering 2,640 square feet. In 2019, we introduced an expansive Kho-Kho court, spanning 3,200 square feet. Moreover, in the same year, the institution added a handball court covering a substantial 8,611 square feet. Finally, in 2021, institution established a ball badminton court spanning 1,500 square feet.

Indoor Games:

The institution offers options for indoor games, including three table tennis, as well as seven carrom boards and seven chess boards.

Gymnasium:

Institution has a well-equipped gymnasium, featuring an indoor gym for men established in 2012 with an area of 500.00 sq. ft., caters to fitness enthusiasts. Additionally, we have an indoor gym for women.

Yoga Centre:

In 2019, the institution set up separate meditation rooms for boys and girls, each covering an area of 436.00 sq. ft. and 600 sq. ft., respectively.

Auditorium:

Institution has three auditoriums. The auditoriums are well-furnished, air-conditioned, and equipped with LCD projectors, scrolling screens, and audio systems, all featuring internet access. Additionally, the institution boasts a spacious open-air auditorium with a raised platform and an open ground suitable for both cultural activities and official gatherings. Notably, the open-air auditorium can accommodate audiences of more than 1000 people for large gatherings.

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

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

46

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

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

52.02

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 Central Library of IFET College of Engineering, inaugurated in 1998, covers both the ground floor (6458.35 sq. ft.) and the mezzanine floor (3767.37 sq. ft.).The library houses a vast collection of 38704 volumes and 7746 titles using Dewey decimal classification (DDC). The library uses "AutoLib" version 3.1 an integrated Library Management Software since 2003. This software provides fully automated faster access to resources with an integrated library system using OPAC (Online Public Access Catalogue) module and serves for issue, return and renewal of books.

It also provides a user-friendly interface for searching, reserving, and suggesting items.

Bar code technology is used for borrowing systems. All the book materials are barcoded. This with user ID barcoding is utilized for providing required reading materials from Physical and E-resources.

The library subscribes to e-journals (Springer-Nature: 322 and DELNET Consortium: 1086) and encourages e-learning through NPTEL lectures. Our library is well equipped with a collection of books, journals and magazines, e-resources, newspapers, project reports, back volumes, and CDs/DVDs in Management, Science, Engineering and Technology.

Our library maintains various services including circulation section, reference section, reprography section, stack area, Periodicals section, reading hall with 200 seating capacity. Digital library offer access to a vast collection of digital materials including DELNET Database interlibrary loans specialty allows patrons to borrow materials from other libraries through the DELNET.

The Digital library is provided with 18 computer systems with high speed internet connection and Wi-Fi facilities; the internet enhances efficiency, accuracy and benefits both staff and students by providing access to searchable catalogs online.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.ifet.ac.in/NAAC_2021/criteria_4/LMS.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	View File

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

11.83

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

530

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

IFET College of Engineering (IFETCE) took the initiative on a firm IT policy from 2009 onwards. Currently, the institution has 796 systems connected with the network spreading over the entire campus, including the hostel through Single/Multi-core Fiber Optic with redundancy of 100/1000 Mbps. The institution is maintaining a managed Intranet and Firewall' Policy-based Internet Connection. The campus is also enabled with Secured Wi-Fi Access. The total Internet bandwidth is 100 Mbps (Leased Line with 1:1).

At the Data Centre, all the Servers like Active Directory, DHCP, DNS and application servers are running along with the Routers, Firewalls and Layer L2 and L3 switches. This IT policy also applies to the resources administered by the central administrative departments, such as the Library, Computer Laboratories, offices of the Institute and hostel.

All the computing devices that are connected to the internal network must comply with the following policies:

- User Account Management: All accounts created must have an associated filled-in form request and be approved by the Head of the Institution.
- Email: Incoming email must be treated with the utmost care due to the inherent information security risk.
- Internet: Users are prohibited from downloading and installing software on their PCs without proper authorization.
- Password: Passwords must adhere to the minimum length of characters.
- Wireless (Wi-Fi) Connectivity: Access will be given once the requisition approved by the authorized authority is submitted.

The institution allocates budget for updating its IT facilities. For the current year, the institution has allocated 36 lakhs for computers and machines and 8.4 lakhs for computer software.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1494	716

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

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. ?50 Mbps

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

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	**A. All four of the above**

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

4.4 - Maintenance of Campus Infrastructure

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

133.55

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 respective departments maintain physical, academic and support facilities with the help of in-house staff daily and periodically.

Laboratories: Each laboratory has a lab in charge and a lab assistant. The lab in charge is responsible for maintaining and upgrading the laboratory with necessary equipment. Stock verification (Physical Verification) is carried out to verify

working/non-working/missing equipment etc. Preventive maintenance and performance monitoring is carried out. Every laboratory assistant records the utilization of equipment, computers and other required materials for experiments.

Sport complex/ground/equipment: The institute's physical director (PD) looks after the sports facilities. If sports equipment becomes inappropriate, PD submits the maintenance requisition to the management following the institution's procedure. PD is responsible for keeping a record of the utilization of sports facilities, activities held and awards for the students.

Class Rooms: The classrooms are cleaned daily and monitored by the supervisor. The head of the institute, HODs and Classroom faculty members also monitor the cleanliness and ensure that the cleanliness is maintained in the classrooms.

IT facilities: The lab assistant keeps a record of the utilization of the systems. In case of issues, support facilities are carried out by the respective departments with the help of in-house members daily and periodically.

Library:The library conducts annual and internal stock verifications, marks books with unique accession and classification numbers, and arranges them in subject-specific racks. Stacks are classified for different disciplines, and an OPAC system ensures book availability.

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

1469

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

333

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

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

File Description	Documents
Link to Institutional website	https://www.ifet.ac.in/NAAC_22/criteria_5/skill%20proof%2021-22.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

1200

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

333

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

08

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

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

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

5.3 - Student Participation and Activities

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

0

File Description	Documents
e-copies of award letters and certificates	**No File Uploaded**
Any additional information	**No File Uploaded**

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

Our institution has set up committees with student representatives to promote value-based education through active participation by them in academic and related activities.

The Class Committee has a well-structured approach to involve

students from different levels of academic performance and attendance, which is a great way to ensure that everyone's perspectives and experiences are considered.

The LibraryCommittee, which includes student representatives from every section, is an excellent initiative to encourage students' involvement in upgrading the facilities. This committee's involvement shows that the institution recognizes the importance of a well-equipped library as an essential resource for quality education.

The Anti-Ragging Committee's primary role is to spread awareness and collect undertakings from students and their parents to prevent ragging on the campus. It is essential to ensure that the institution maintains a safe and healthy environment.

Finally, the Internal Quality Assurance Committee (IQAC) consisting of HODs, faculty, students, and members from the industry is a vital step toward ensuring academic and administrative excellence. The IQAC's continuous feedback mechanism and implementation of strategies and suggestions for improving the quality of education will positively impact the institution's overall growth.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.ifet.ac.in/NAAC_22/criteria_5/Student%20Participation%20and%20Activities.pdf

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

8

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	[View File](#)

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to

the development of the institution through financial and other support services

IFET has a strong community of alumni who actively support the development of the institution. The alumni association makes significant contributions to meet the financial and non-financial needs of the institution. The interaction between alumni, staff, and students helps in, skill development, experience sharing, conducting seminars, workshops, guest lectures, and promoting social and cultural activities. The non-financial aids include expert training programs like mock interviews and guest lectures to students at free of cost. Alumni with expertise in sports act as mentors for present students as a give-back gesture. Our institution encourages alumni volunteers to give guest lecturers to the students. Members of the Alumni Association of the college continue to render invaluable service to the college by upholding the reputation of the institution individually and by upholding social responsibilities as human beings collectively. Alumni Entrepreneurs share their experiences through programs arranged by the "Entrepreneurship Development Cell", and encourage students to set up start-up companies.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.ifet.ac.in/NAAC_22/criteria_5/Alumni%20Engagement_2022.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 is the apex body which devises the strategic plans and lays the roadmap for the development of the institution. Authority and power is given to the Principal, administrative and functional heads to devise policies in alignment with the strategic

plan. IQAC ensures the alignment and quality in all aspects. The Heads of various departments ensure the development of the department in terms of infrastructure, facilities, teaching-learning process, student welfare and other academic and non-academic activities. Faculty are given responsibilities in addition to regular academic duties to fulfill all the aspects devised in the strategic plan for attaining the mission and vision of the institution.

The perspective plan (2019-2024) of IFET College of Engineering includes,

1. To place our students with higher salary package.
2. To introduce new programmes like Data Science, Machine Learning, Artificial Intelligence and Cyber security
3. To achieve 100% Placement

In IFETCE, faculty working at different levels play important roles in the implementation of the vision and mission of the institution. Senior faculty members are appointed as Chairpersons of institute's decision making bodies like the Governing Body, Academic Council, Board of Studies, Finance Committee and IQAC. Suggestions from the departments are taken in to consideration while framing the Strategic plan, Institutional Policy Development, Research and Innovation, Quality Assurance, etc. In addition to this, our faculty are involved in various committees such as Planning, Monitoring, Grievance Redressal, Anti-ragging, Examination, Admission, Anti Sexual Harassment, etc., All these committees have been formed based on the guidelines given by UGC.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.ifet.ac.in/images/Satutory%20bodies%20&%20Committee.pdf

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

The leadership in the institution was effectively carried out by the process of decentralization and participative management in all the events held in IFET College of Engineering (IFETCE). One among the event was the Orientation Program for First year students which was conducted on 08.11.2021. The Planning Committee headed by Dr.

S.Matilda, Vice Principal and Dean Academics appoints the Coordinator Mrs. T.Shyamala Devi, AP/S&H and Co-Coordinator Ms. B.Kanchana, AP/S&H for the program in a rotational basis. The Coordinator and Co-Coordinator were decision makers as per the guidance of the Vice-Principal and Principal.

The various committees involved in participative management are as:

Stage decoration & Seating Arrangement Committee: Mr.P.Manikandan, AP/S&H was the incharge, with his team members arranged to accommodate a total of 414 students along with the dignitaries of the IFETCE.

Parents Guidance Committee: Mr.P.Danesh SAP/S&H was the incharge, with his team members invited and received the parents, guided them to the venue.

Audio & Video Arrangement Committee : Mr.C.Manimaran ASP/Mech along with his team members presented a High Definition Multimedia of IFETCE's accolades, achievements by our students and faculty to the freshers and parents.

In addition to this, faculty involved themselves in Participant's Tracking Committee, Catering committee, Press & Media committee contributing to participative management. Meetings were held to discuss the event; responsibilities of the various committees were decentralized.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
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 strategic plan of the period 2019-2024 indicatedin Goal 1, Strategy 6 is to place our students in well reputed companies with higher salary packages. In order to achieve this goal, the Training and Placement Head Prof.S.Viswanathan, with

his team organized resume writing, mock group discussion, mock interviews, Extempore, Elocution, debate to enhance the confidence of the students and to face the placement process of various corporate companies. An online platform called Skill Rack provide access to the students to prepare for aptitude, verbal and coding rounds. In day-to-day classes, the students have a separate session for communication, where the students are encouraged to speak before the entire class, thus developing the communication skills. The students are also made to do a presentation before the class gathering, for enhancing their leadership and presentation skills.

IFET students have undergone various training programmes like TCS (National Qualifier Test), WIPRO Ltd (Elite National Talent Hunt), Wipro Talent Next programme; LET's CODE training programme and Career Skills Development programme, Professional Skills Development programme, English Communication and Analytical skills help to get good numbers of placement in the companies. As a result of all these sessions and activities, IFET has attained a fabulous placement with 400 plus multiple offers. Thus, the key strategic plan of placing the students of IFET with a high salary package of 11.3 Lakhs per annum in CISCO has been fulfilled.

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

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

IFET College of Engineering (IFETCE) has defined a organizational hierarchy and structure to support the decision making process which is clear and consistent with its purposes and supports effective decision making.

Governing Body- Provide governance, strategic direction, and oversight. They make critical decisions about the institution's mission, policies, and financial matters.

IQAC, Heads of the Department (HoD), Controller of Examinations and other section heads like Training & Placement, Institution

Innovation Council, Research and Development Cell shall report to the Vice-Principal and to the Principal.

Librarian, Physical Education Director, Manager (Accounts) and Manager (Admin), Hostel Warden and Liaison officer report to thePrincipal.

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

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

Training and Placement officer- Coordinates with the different industries for on-campus and off-campus interviews of students to provide suitable placement in their organizations.

Controller of Examinations (CoE)- Responsible for overseeing all aspects of examination planning, administration, and results processing while ensuring compliance with academic standards and regulations.

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

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

Office Manager - Responsible for overseeing the organization's financial operations, budgeting, accounting, and financial reports.

Service rules have been formulated as per the guidelines of the affiliating university - Anna University, Chennai and the approval body (AICTE/ UGC).

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

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

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

Welfare measures for teaching staff are as follows:

- Free transport for all faculty members.
- EPF for eligible faculty
- Promotion based on qualification and experience subject to vacancy
- Free internet (100Mbps) and Wi-Fi facility to access academic resources.
- Encouraging the faculty members to attend the workshop, FDP's, Industrial training and Conference by providing leave with a pay.
- Medical leave.
- Casual leave, On-duty and Compensation leave.
- Maternity leave .
- Vacation for each semester.
- Telecommunication facilities, Over coat and free refreshment.
- Well defined HR Policy for the faculty incentives, rewards, etc.

Welfare measures for non-teaching staff are as follows:

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

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

35

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

02

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

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

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

Indo-French Educational Trust is registered under Section 12A of the Income Tax Act. Accounts are audited annually and financial statements and audit reports certified by the Chartered Accountant and filed by October 31 as per the provisions of Income Tax Act. Internal audit is carried out by the Management appointed team and Statutory Audit is done by an external Agency- A.R. Krishnan & Associates, Chartered Accountants. Income Tax returns and Audit Reports are filed annually. Financial Transactions are recorded using Tally- EPR Software. All financial transaction takes place in a computerized environment; the software used for accounting is the original licensed version of Tally. Microsoft Excel is also widely used for preparing Financial Statements and for Reporting of financial activities. All the Financial transactions are recorded as and when they occur. Internal Audit runs parallel to the Accounting activities. Every transaction is verified for proper vouchers, supported by requisite documents, approval and payment. All Receipts are through bank as a matter of policy. Cash is verified every day. Confirmation to INCOME TAX provisions is verified. It is the duty of Statutory Auditors to scrutinize the Books of Accounts and whet the Financial Statements. Financial statements are certified to be correct and fair, to every aspect of Income Tax and other statutory laws applicable to the Trust. They also take into consideration the findings of the internal audit report.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.ifet.ac.in/college_Budget.php

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

0	

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

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

IFET College of Engineering (Autonomous) is a self-financed institution; Tuition Fees received from students is the major source of funding for the institution. Tuition fee is collected as per the prescribed norms of the Government. Institute faculties receive grants from Government agencies like AICTE, DST, ICSSR, and CSIR, towards Research and development. The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources as laid out in the POLICY DOCUMENT FOR FINANCE. Institutional budget is prepared by Finance and Accounts Department taking into consideration every component of recurring and non-recurring expenditures and contingencies. All the administrative and academic heads and coordinators of different cells viz., R&D Cell, Exam Cell, T&P Cell, NSS Cell, etc. are required to submit their budget proposals for the subsequent financial year to the Finance and Accounts Department for appraisal consolidation and Approval. All the major financial policy decisions are taken by the Finance Committee headed by the Chairman, Trustees and the Principal. Allocations of funds are based on priority and the availability of resources. In matters of contingencies and unplanned expenditure, necessary approval is obtained from the Management. All the major financial expenditure are analyzed, verified and categorized under following major heads: * Research & Development * Training &Placement * Software * Internet charges * Library Books / Journals * Repair & maintenance * Printing &stationary * Lab Equipment *Fixed Assets

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

6.5 - Internal Quality Assurance System

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

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

IFET College of Engineering (IFETCE) implements activity-based learning for all the courses. In our institution, Activity-based learning has been used by all the faculty for their courses. This helps our students be more creative and easily understand the concepts.

For example,

In Department of Electronics and Communication Engineering,

Course name & Code : 19UECPC303- Signals and Systems for Regulation R2019.

In unit 1, the activity mentioned was the Generation of Continuous and Discrete Time signals. Students have done this activity using Scilab software. This helps our students to easily analyze and differentiate the CT and DT signals.

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

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

1. Technology in Education:

The IQAC of IFET College of Engineering (IFETCE) ensures inclusion of technology in day-to-day teaching for reducing manual overheads of the faculty. Before implementation of any technology, a lot of testing and review is done at various level using a sample population of students/ faculty. Once satisfied it is put in to regular use. Operational hazards/ bugs which are found during implementation are eliminated upon complaints received.

In response to the review, IFETCE implements technology integration reforms. This could involve providing faculty with training and support to enhance their digital teaching skills. The IQAC also recommends the development of a robust Learning Management System (LMS) for seamless content delivery, assignment submission, and student engagement. Furthermore, the institution may invest in upgrading its IT infrastructure to ensure reliable access to digital resources for both students and faculty

Faculty Development and Support:

IQAC empowers the head of the department to identify the training needs of the faculty. At the beginning of every semester, before subject allocation, the head of the department identifies the area where expertise is lacking. If vacancy exists and if the expertise is available new faculty are recruited. In the absence, existing faculty are trained in the identified areas

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://www.ifet.ac.in/NAAC_2021/criteria_2/zoom.pdf

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

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.ifet.ac.in/NAAC/Annual%20Report%20 %2021-22.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The phrase "equity of treatment for both women and men, according to their various requirements" is used to describe gender equity. This might involve receiving differing treatment that is indeed viewed as identical in terms of rights, benefits, duties, and opportunities. Education is concerned with how people establish habits. The HEI seriously considers how education can promote the equal participation of men and women in decision-making reduce the enrollment gap between men and women, provide equality in the learning process, educational outcomes, and external results, and offer benefits to both sexes. In our institution, the recruitment of both teaching and nonteaching personnel has been promoted with a focus on providing maximum opportunity for both the gender. Moreover the institution often organizes numerous programs to create awareness among the students to instill the importance of providing the rightful opportunity to the opposite gender.The institute maintains a policy of valuing faculty members equally, regardless of gender. Women faculty members are recommended based on their aptitude for serving as deans, department heads, conveners of various committees, and effectively carrying out their tasks. Among the staff members nearly 59.7 % are women of which nearly 10% are doctorates actively participating in research.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	https://ifet.ac.in/NAAC_22/criteria_7/gender%20equity%20photos_21-22-27.7.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 adopts the principles of the 'best practicable environmental option' in the delivery of its waste management services. The College recognizes the importance of managing its waste responsibly and makes maximum efforts to reduce, reuse, recycle and recover waste products in preference to the disposal of waste to landfill.

Solid Waste Management:

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

Liquid waste Management:

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

E-Waste Management:

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

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	View File
Any other relevant information	View File

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

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

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping	A. Any 4 or All of the above

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

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions/awards** 5. **Beyond the campus environmental promotional activities**	A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

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

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	**No File Uploaded**

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

The Institute strives at offering an inclusive classroom climate that refers to an environment where all students feel supported intellectually and academically, and are extended a sense of belonging in the classroom regardless of personal identity, learning preferences. The institution is dedicated to helping all the students find their voice in the society. Every experience matters, and so does every student. The HEI believes in inviting every student to share their experiences in the classroom and beyond. We are also keenly aware that a student's life experience and social location may affect their educational preferences. For that reason, we offer an in - person instruction with skilled, compassionate instructors who are leaders in their fields. The Institution also strives to create knowledge through research activities and disseminating it to society through educational activities, thus promote economic development, social well-being, and innovation in the world.The students are admitted as per the rules issued by the Government implementing the reservation policy for admission in Professional courses. Reservations are provided for socio economically backward sections - BCs, SCs, STs & PH, NSS, sports and games. The institution embraces an assortment of 83 students from neighbouring states such as Pondicherry, Andhra Pradesh and Kerala. A two-week bridge course is conducted to orient the newly admitted students towards professional courses.

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:

India, as a country, includes individuals with different backgrounds viz., cultural, social, economic, linguistic, and ethnic diversities governed and guided by the Constitution irrespective of caste, religion, race sex. The Institution sensitizes the students and the employees of the institution to the constitutional obligations about the values, rights, duties, and responsibilities of citizens which enables them to conduct as a responsible citizen. To equip students with the knowledge, skill, and values that are necessary for sustaining one's balance between a livelihood and life by providing an effective, supportive, safe, accessible, and affordable learning environment. These elements are inculcated in the value system of the college community. The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent people. The institute conducted awareness programs on the ban on plastics, cleanliness, Swachh Bharat, etc. involving students. To instill Moral, Social and Ethical values, the college has introduced a course on Indian constitution as credit courses for B. E programs. These courses help students gain knowledge about the values, rights, duties according to the preambles of our constitution. It emphasizes on holistic understanding of responsibilities as citizens of our country.

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	A. All of the above

organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized	

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

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

The institution exuberantly celebrates various national and international commemorative days.

The following commemorative days, events and festivals were celebrated for the academic year 21-22

1. World Earth Day -22.4.22, 64 students participated.

2.Tree Plantation Drive/ ECO CLUB -16-03-2022, 59 students participated .

3.Graduation day -30-4-2022,Mr. Venkat Narayanan, (AIMS), Virtusa, Singapore, wasthe chief guest.

4.Hostel day -30-4-2022,Mr. K. Shivram Alva Secretary, IFET College of Engineering, precided over the event.

5.Covid Awareness Programme-09-02-2022, 79 students participated Dr. Arthi, M.B.B.S Block Medical Officer, Kandamangalam precided as chief guest.

6.National Science Day-28-2-22,30 students participated.

7.International Women's Day -08-03-2022,M. Kanmani Thiya Jas, counselling physiologist, precided as chief guest.

8.Annual Day -18.6.2022,Mr. Gautham Premkumar, HR Recruiter-Infosys chaired as the chief guest.

9.Sports Day - 30.5.22,Mr. G. Asokan, Secretary Cuddalore District Hand ball Association, precided as chief guest.

10. CEMP Project EXPO-31.5.22.

11.Ineternational Tolerance Day - 6.2.2022.

12.Swachh Bharat Program -11-04-2022, 73 students participated in the event.

13.Independence Day - 15.8.21.

14.Republic Day Celebration - 26.1.22.

15.National Youth Day Celebration - 12.1.22, 100 students participated andMr.A.Vasanth, Traffic Inspector of Police was the chief guest .

16.National Leprosy Day - 31.1.22

17.Indian Commemoration Day- 27.1.22

18.National Immunization Day -20.1.22,100 students participated,Dr.R.Arthi, Block Medical Officer gave an awareness lecture.

19.World Cancer Day - 4.2.22.

20.Blood Donation Camp -30.10.21

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	No File Uploaded

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: e-learning tools are used by teachers to facilitate effective teaching and learning -https://ifet.ac.in/NAAC_22/criteria_7/best%20practices.pdf

Best Practise 2: Title: Virtual laboratory - https://ifet.ac.in/NAAC_22/criteria_7/best%20practices.pdf

File Description	Documents
Best practices in the Institutional website	https://ifet.ac.in/NAAC_22/criteria_7/best%20practices.pdf
Any other relevant information	https://ifet.ac.in/NAAC_22/criteria_7/evidence%2021-22.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's vision and mission statements made it obvious that we wanted to focus on the education of students from rural background . The institute, which is about 25 years old, has a close relationship with the locals and farmers in this area. The students from rural background are introduced to an environment rich in knowledge and provide them an opportunityto learn the subjects needed to earn the desired degree and also assisting them in gaining knowledge and skills in subjects outside of their course work. The institute plans a variety of events to develop the students' personality by providing technical instruction, soft skill development, group discussion and aptitude training. The students are trained and groomed to improve their employability skills so that they are prepared to compete successfully in the modern job market. Regular lectures by illustrious professors and businessmen, seminars, workshops, and competitions are held to update their knowledge and enlighten them on the current trends of technological breakthroughs. The Institution proudly announces that majority of the students from rural background have developed into a highly qualified professionals who are pursuing successful jobs in numerous MNCs and business entities.

File Description	Documents
Appropriate link in the institutional website	https://www.ifet.ac.in/NAAC_22/criteria_7/institutional%20distinctiveness_2022.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- **To train the students right from first semester**

- In realizing the problems in society especially the neighbourhood.

-To give technical solutions to such problems.

- To create a product/ software which will solve specific problems.

- **To provide a platform through which students can equip/ train themselves in software skills and improve placement prospects.**
- **To motivate students and faculties to involve in research related to product development.**
- **To give additional training for students with exceptional skills with aim of placing them in high salary packages.**
- **To get maximum research proposals sanctioned and increase the money flow for research and development.**
- **To publish papers in reputed journals such as Elsevier, WOS, SCI, etc.**
- **Innovative ideas of students are incubated for developing entrepreneurship.**
- **To improvise the curriculum in order to meet the necessity of the present industrial opportunities.**