



## YEARLY STATUS REPORT - 2020-2021

### Part A

#### Data of the Institution

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	<b>IFET COLLEGE OF ENGINEERING</b>
• Name of the Head of the institution	<b>Dr .G.Mahendran</b>
• Designation	<b>Principal</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone No. of the Principal	<b>04146231456</b>
• Alternate phone No.	<b>04146231457</b>
• Mobile No. (Principal)	<b>9443331456</b>
• Registered e-mail ID (Principal)	<b>principal@ifet.ac.in</b>
• Address	<b>Gangarampalayam</b>
• City/Town	<b>Villupuram</b>
• State/UT	<b>Tamil Nadu</b>
• Pin Code	<b>605108</b>
<b>2.Institutional status</b>	
• Autonomous Status (Provide the date of conferment of Autonomy)	<b>06/02/2019</b>
• Type of Institution	<b>Co-education</b>
• Location	<b>Rural</b>

• Financial Status	<b>Self-financing</b>				
• Name of the IQAC Co-ordinator/Director	<b>Mr. N. Sethuraman, Asso.Prof/MECH</b>				
• Phone No.	<b>04146231456</b>				
• Mobile No:	<b>9786522396</b>				
• IQAC e-mail ID	<b>aqar@ifet.ac.in</b>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://www.ifet.ac.in/AQAR/AQAR-report-19-20.pdf">https://www.ifet.ac.in/AQAR/AQAR-report-19-20.pdf</a>				
<b>4.Was the Academic Calendar prepared for that year?</b>	<b>Yes</b>				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://ifet.ac.in/Academic_calendar.php">https://ifet.ac.in/Academic_calendar.php</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B</b>	<b>2.64</b>	<b>2015</b>	<b>10/06/2015</b>	<b>09/06/2020</b>
<b>Cycle 2</b>	<b>B</b>	<b>2.64</b>	<b>2020</b>	<b>04/03/2020</b>	<b>31/12/2024</b>
<b>6.Date of Establishment of IQAC</b>			<b>29/09/2014</b>		
<b>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.)?</b>					

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
IFET/CSE/Dr. S.Matilda & Mrs.S.Usharani	AICTE- ATAL FDP	AICTE	19/09/2020	93000
IFET/MECHANICAL /Mr.V.Vemurugan	MODROBS	AICTE	20/07/2020	1550980
IFET/ECE/Dr. J.Vidhya	AICTE-CONF	AICTE	29/06/2020	166667
IFET/ECE/Dr. M.Saravanan	AICTE-FDP	AICTE	30/07/2020	581092
IFET/ECE/Dr. U.Palani	AICTE-STTP	AICTE	10/08/2020	290000
IFET/EEE/Dr. A.John Dhanaseely	TNSCST-seminar	TNSCST	28/09/2020	20000
IFET/CHEM/Dr .Jacquiline Rosy & Mrs. Jebastin Sonia jas	TNSCST-seminar	TNSCST	29/09/2020	15000
IFET/EEE/Dr. A.John Dhanaseely & Mr.B.Balaji	AICTE- ATAL	AICTE	16/11/2020	93000
IFET/MECH/Dr .G.Mahendran	AICTE	AICTE	21/02/2020	370000
IFET/H&S/ Dr .K.Margandan & Dr Murugan	CSIR-Seminar	CSIR	22/06/2021	25000

#### 8.Provide details regarding the composition of the IQAC:

<ul style="list-style-type: none"> <li>Upload the latest notification regarding the composition of the IQAC by the HEI</li> </ul>	<a href="#">View File</a>
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<b>9.No. of IQAC meetings held during the year</b>	<b>2</b>	
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?</li> </ul>	<b>Yes</b>	
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded	
<b>10.Did IQAC receive funding from any funding agency to support its activities during the year?</b>	<b>No</b>	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>		
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
Got Autonomous status approved by UGC, New Delhi.		
Enhancement in teaching-learning process and research work.		
Upgraded library by subscription to e-journal (Springer)		
Enhanced employability by implementing personality development programmes		
AQAR report for the year 2019-2020 has been documented and submitted to the NAAC portal.		
Students participation and recognition in Conferences, Hackathons, Toycathons, Symposium, Seminars, Workshops, Webinars, Contests, Quiz, in reputed Colleges has increased.		
<b>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:</b>		

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 and hence 254 students are placed in the reputed software and core companies.
Research Promotion	To encourage the faculty members to pursue PhD for the quality betterment of their career. In addition, 220 quality research papers have been published
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 establish Memorandum of Understanding (MoU) with reputed industries.	MOU has been signed with National highways Authority of INDIA on 07-12-2020 for five years also we have signed MOU with SOLVER MINDS SOLUTIONS AND TECHNOLOGIES PVT LTD on 01-06-2021 for five years.
Submitting the AQAR for the year 2019-2020	Submitted the AQAR for the year 2019-2020 in the NAAC portal.
To prepare the AQAR for the year 2020-2021	Preparation of the AQAR for the year 2020-2021 is in progress.
Online Seminars and Conferences to be organised.	Many webinars were conducted during the year by various departments and societies.
<b>13. Was the AQAR placed before the statutory body?</b>	Yes
<ul style="list-style-type: none"> <li>• Name of the statutory body</li> </ul>	

Name of the statutory body	Date of meeting(s)
ACADEMIC COUNCIL MEETING	21/09/2020
<b>14. Was the institutional data submitted to AISHE ?</b>	Yes
<ul style="list-style-type: none"> <li>Year</li> </ul>	
Year	Date of Submission
2021	15/02/2022
<b>15. Multidisciplinary / interdisciplinary</b>	
<p>The Vision Statement of the institution is :</p> <p>'To deliver quality education of International Standard and produce engineers competent at Regional, National and Global levels.'</p> <p>Situated in a rural background the institution has made definite strides in all aspects and focuses on the 360 degree development of all the students.</p> <p>The institution offers 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 encompasses the Mathematics, Physics, Chemistry, English and General Engineering courses and provides a firm base to all the undergraduate Engineering programmes . The curriculum has been designed as per the guidelines of AICTE and has theory, practical and integrated courses which has both theory and practical components. The courses are categorised under Humanities and Social Sciences (HS), Basic Sciences Courses (BSC), Engineering Sciences Courses (ESC), 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.</p>	
<b>16. Academic bank of credits (ABC):</b>	
IFET College of Engineering is 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:**

IFET College of Engineering has a rich curriculum which combines the cutting-edge Industry-focused technology along with the core subjects, to excel globally. The curriculum is inundated with elective courses and skill enhancement courses and associated activities are carried out wherever possible. In addition the institution 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 courses under different programmes of study that educate, sensitise, and help develop a positive value-based mind-set 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. Courses to improve the communication skills are offered right from the first year to improve the reading, writing, listening and speaking skills of the students. This course aims to give the confidence to the students to present and express themselves during interviews. Various events and programmes are conducted as part of the Professional Societies and departmental Associations to showcase the skills acquired by the students and faculty.

#### **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. To develop strong roots for a resilient future, cultural awareness and expression are show-cased in various aspects and wherever possible. Students hoist and honour the National Flag during the Independence day and Republic day celebrations to instil a sense of pride and belonging.

Students have been encouraged to participate in Toycathon 2021, a national level event based on Indian civilization, heritage, culture, mythology, history, ethos, technology, ethnicity, national heroes and important events organized by MoE's Innovation Cell.

The invocation of every event in IFET starts with the 'Thamizh Thaaai Vaazhlthu' and the traditional kolam or rangoli adorns the entrance. Lighting of the traditional lamp 'Kuthuvilaku' is considered auspicious to mark the beginning of every function celebrated here.

History of Science and Technology in India and Indian Constitution are offered as non-credit, mandatory courses to all the students during the first and third semester.

**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 in consultation with all the faculty members and stakeholders.
- Our college follows the Program Outcomes (POs) defined by the National Board of Accreditation (NBA), New Delhi and is to be fulfilled by all the programs in higher education.



- 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 wherein a student can access the course materials anytime from anywhere. The college carries out its teaching and learning process in blended mode. Online classes are conducted on Saturday's 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 has NPTEL local chapter, functioning in our campus and students and faculty are encouraged to audit or certify for NPTEL courses. Faculty and students also learn through online platform like Swayam, Coursera, and other MOOC Courses. As per the Regulations 2019 of IFETCE, students can earn, 3 credits for a 8-week course and 4 credits for 12-week course by certifying for globally accepted online courses. Any one online course can be considered for waiving of one three credit elective course. Maximum of two electives can be waived off through online courses during the period of study.

Students are provided with a third party platform called " Skill Rack" through which they are trained for placements. This platform provides the feasibility of practicing coding and company related coding challenges, from any location.

## **Extended Profile**

<b>1.Programme</b>	
1.1	<b>9</b>
Number of programmes offered during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>2.Student</b>	
2.1	<b>1470</b>
Total number of students during the year:	
File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>
2.2	<b>486</b>
Number of outgoing / final year students during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.3	<b>1470</b>
Number of students who appeared for the examinations conducted by the institution during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>3.Academic</b>	
3.1	<b>464</b>
Number of courses in all programmes during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.2	<b>185</b>
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.3 Number of sanctioned posts for the year:	<b>189</b>
<b>4.Institution</b>	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	<b>223</b>
4.2 Total number of Classrooms and Seminar halls	<b>46</b>
4.3 Total number of computers on campus for academic purposes	<b>739</b>
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	<b>119.26</b>
<b>Part B</b>	
<b>CURRICULAR ASPECTS</b>	
<b>1.1 - Curriculum Design and Development</b>	
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.	
<p>IFET College of Engineering is an autonomous Institution where all the departments are empowered to create and modify the curriculum and syllabi based on the needs of industry and society. The Curriculum is designed keeping in view (i) Syllabus of various reputed Indian and International Universities (ii) Model curriculum prescribed by AICTE (iii)The Program Specific Outcomes of professional bodies (iv)Suggestions by industry experts and alumni who form part 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 of each department has representatives</p>	

from various industries and reputed universities apart from faculty members of the Department. Intune with mission and vision of the institution the curriculum and syllabus are formed focusing on entrepreneurship, employability and skill development. Likewise course outcomes (COs) of every course is framed such that the aspect of global developmental needs are reflected in the POs. All the attributes articulated in the POs and PSOs are completely addressed by the curriculum. This is to mould graduate engineers who have attained all the graduate attributes and professional competency, to help them compete on a global platform.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	<a href="https://ifet.ac.in/NAAC_2021/criteria_1/vision%20mission_20_21.pdf">https://ifet.ac.in/NAAC_2021/criteria_1/vision%20mission_20_21.pdf</a>

### 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	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
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

119

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	<a href="#">View File</a>
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

96

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

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

09

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

## 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 social values, human values, environment sensitivity etc., thereby leading to the holistic development of students. CEMP projects are also included in curriculum which allows them to apply their knowledge in an interdisciplinary manner to achieve a goal. In addition, ISTE, Innovation cell, NSS and YRC which are available to aid in the co-curricular activities of the students

**Professional Ethics:** Moral and ethical values, are educated to students through various courses like 19MBAPC104-Organizational Behaviour and 19MBAPC101-Principles of Management, 19MBAPC106-Quality Management and Control Techniques 19MAPBS201-Operations Research for Management are embedded in the curriculum.

**Gender Sensitization** The college has a Women's Grievance Cell and Grievance Redressal Cell to promote gender equity among students through counseling. Human Values are educated to the students through UHV which enables the student to understand the innate value of human being in every aspect of life.

**Environment and Sustainability:** The courses like 19UCYOE501-Environment and Agriculture, 19UCYOE502-Solid and Hazardous Waste Management, 19UCYOE601-Industrial waste Management, 19UCYOE602-Green Technology, 19UCYOE603-Water and Soil Conservation, 19UCYOE604 -Air pollution and control Engineering, 19UCYOE701-Environmental pollution and E-waste management and 19UCYOE802-Chemicals in Environment and Public Health are introduced to address the issues and solutions related environment and sustainability.

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

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

24

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

1637

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

1223

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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	<a href="https://www.ifet.ac.in/NAAC.php">https://www.ifet.ac.in/NAAC.php</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 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	<a href="https://www.ifet.ac.in/NAAC.php">https://www.ifet.ac.in/NAAC.php</a>
Any additional information	<a href="#">View File</a>

### 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

345

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

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

223

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



## 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses 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	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.ifet.ac.in/NAAC_2021/criteria_2/GUIDELINES(S&amp;A).pdf">https://www.ifet.ac.in/NAAC_2021/criteria_2/GUIDELINES(S&amp;A).pdf</a>

### 2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/06/2021	1470	185

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

### 2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

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)

#### 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, workshop and seminars. Senior students will guide juniors for preparing project proposals thus achieving peer learning.

- 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 :

- Soft Skill Training
- Project Based Learning
- Aptitude and Technical Skill Training

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://ifet.ac.in/Innovative-Teaching.php">https://ifet.ac.in/Innovative-Teaching.php</a>

**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	<a href="https://ifet.ac.in/Effective%20teaching.php">https://ifet.ac.in/Effective%20teaching.php</a>
Upload any additional information	<a href="#">View File</a>

### 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	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

### 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 time table Incharge 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. 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	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

185

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

25

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

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

1197

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

**Salient features of IT integration:**

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

1. It is used to quickly access all academic information and student profiles.
2. There is a provision to define the subjects for question paper setting.
3. Registration previews and student fee information are always available.
4. Automatically created hall tickets and dummy numbers are also available.
5. The software can generate 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 the Examination System. The name of the software tool used is COXO for all our examination-related works. Once the marks 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	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.ifet.ac.in/NAAC_2021/criteria_2/2.5.3_COE_MANUAL.pdf">https://www.ifet.ac.in/NAAC_2021/criteria_2/2.5.3_COE_MANUAL.pdf</a>

## 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 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 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)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://www.ifet.ac.in/NAAC_2021/criteria_2/COs21.pdf">https://www.ifet.ac.in/NAAC_2021/criteria_2/COs21.pdf</a>

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 POs 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	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.ifet.ac.in/NAAC_22/criteria_2/Attainment%20CO&amp;PO%2021-22.pdf">https://www.ifet.ac.in/NAAC_22/criteria_2/Attainment%20CO&amp;PO%2021-22.pdf</a>

**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**

482

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://www.ifet.ac.in/NAAC_2021/criteria_2/COE_ANNUAL_REPORT_20-21.pdf">https://www.ifet.ac.in/NAAC_2021/criteria_2/COE_ANNUAL_REPORT_20-21.pdf</a>

## 2.7 - Student Satisfaction Survey

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

[https://ifet.ac.in/NAAC\\_2021/criteria\\_2/20-21STUDENT%20SURVEY.pdf](https://ifet.ac.in/NAAC_2021/criteria_2/20-21STUDENT%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 Innovation among faculty and students and collaborate with industries for mutual benefit. The department of ECE is recognized as research Centre by Anna University to provide guidance to research scholars. The facilities in the Centre for Research and 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 Fin heat transfer and forced convection in data acquisition system, are sanctioned under MODROBS scheme total cost of Rs-1,29,495/- 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	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://ifet.ac.in/images//R&amp;D/RC-Policy.pdf">https://ifet.ac.in/images//R&amp;D/RC-Policy.pdf</a>
Any additional information	<a href="#">View File</a>

**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)****1.11**

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

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

56

File Description	Documents
e-copies of the award letters of the teachers	<a href="#">View File</a>
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
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)

37.6

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 3.2.2 - Number of teachers having research projects during the year

15

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

#### 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	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

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

05

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	Nil
Any additional information	<a href="#">View File</a>

### 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 the Entrepreneurship Development Cell facilitates student community to take up rural entrepreneurship as their career. The cell undertakes several activities to develop entrepreneurial and activity-oriented skills among students to create small or microenterprises by assisting agencies and NGOs. A One Day Workshop on "Mentorship Session for Innovators" were organized and 90 students were participated in that program. Entrepreneurial Development Cell motivates the students to become enterprising entrepreneurs. To achieve this vision, a variety of activities like Guest Lectures on " Workshop on Design Thinking, Critical thinking and Innovation Design, Workshop on Prototype/Process Design and Development - Prototyping etc", Hands on Training on "Arduino Programming Using TINKERCAD " were organised.

Institution Innovation Cell aims to promote innovation in the institution through creating a vibrant local innovation ecosystem and Start-up supporting Mechanism. It conducts various innovation and entrepreneurship-related activities to encourage, inspire and nurture students to work with new ideas and transform them into

prototypes. A series of programs like Workshops on "Semester Break : Internship at startup" and "Design Thinking, Critical Thinking and Innovation Design", Screening Motivational Video Talk by Successful Entrepreneur and Start-up Founder, and Field Visits are organised.

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	<a href="#">View File</a>
Paste link for additional information	<a href="https://ifet.ac.in/NAAC_2021/criteria_3/3.3.1%20ADD%20INFO_20-21.pdf">https://ifet.ac.in/NAAC_2021/criteria_3/3.3.1%20ADD%20INFO_20-21.pdf</a>

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

24

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4 - Research Publications and Awards

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

**A. All of the above**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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

13

File Description	Documents
URL to the research page on HEI website	<a href="https://ifet.ac.in/research-development.php">https://ifet.ac.in/research-development.php</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

165

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

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

27

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.ifet.ac.in/NAAC_2021/criteria_3/book%20link%2020-21.pdf">https://www.ifet.ac.in/NAAC_2021/criteria_3/book%20link%2020-21.pdf</a>

### 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

2305

File Description	Documents
Any additional information	<a href="#">View File</a>
Bibliometrics of the publications during the year	<a href="#">View File</a>

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

#### 3.4.6.1 - h-index of Scopus during the year

20

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.5 - Consultancy

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

1.65



File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

1.65

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	<a href="#">View File</a>

### 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

IFET college of Engineering actively organized various extension activities such as awareness programmes on Covid 19 prevention, Importance of Wearing Face Mask, intake of Nilavembu Kasaiyam, etc. via physical and virtual mode due to corona pandemic situation. NSS volunteers' service to the public is playing a vital role like adapting a particular village to make awareness of doing cleaning works and educating awareness.

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

- NSS Volunteers distributed Nilavembu Kasaiyam to staffs, students and also for nearby Karimedu, Andiyarpalayamvillage people to increase their immunity power.
- 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 on Independence day and Republic day.
- 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.

Some of the significant activities conducted are:

- Organized COVID-19 awareness programmes on 20.11.2020 in gangarampalayam village through NSS
- Awareness program on women protection is conducted at Pudhur village on 31.07.2020
- Organized Tobacco awareness programme on 02.04.2021 at karaimedu Village.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://ifet.ac.in/NAAC_2021/criteria_3/NSS-YRC-AQAR%20ACTIVITY%20REPORT-2020-21.pdf">https://ifet.ac.in/NAAC_2021/criteria_3/NSS-YRC-AQAR%20ACTIVITY%20REPORT-2020-21.pdf</a>

### 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

05

File Description	Documents
Number of awards for extension activities in during the year	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>
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)**

15

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

409

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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**

23

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

**INFRASTRUCTURE AND LEARNING RESOURCES****4.1 - Physical Facilities**

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

IFET College of Engineering (IFETCE) has a total 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 comprises three floors, Sir. M. Visvesvaraya Block comprises three floors, and Srinivasa Ramanujan Block comprises two floors. All 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 as per the curriculum's requirements.

**Computing equipment:**

The institution has 819 systems connected with the network spreading over the entire campus through 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 to maintain the 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 for storing LMS data in the HPE server and another terminal is used for backup purposes.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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 covers 1,733.33 square feet. There is a basketball court from 2006, covering 5,000 square feet. Three courts were established in 2015 for badminton enthusiasts, each covering 2,640 square feet. In 2019, an expansive Kho-Kho court with an area of 3,200 square feet was introduced. Moreover, the institution introduced a handball court covering 8,611 square feet in the same year. A ball badminton court spanning 1,500 square feet was established in 2021.

**Indoor games:** The institution provides options for indoor games that include three table tennis courts established in 2008, seven carrom boards and seven chess boards.

**Gymnasium:** The institution has a well-equipped gymnasium, an indoor gym for men, established in 2012 with an area of 500.00 sq. ft., and an indoor gym for women, established in the same year, spanning an area of 536.00 sq. ft.

**Yoga Centre:** The institution set up a meditation room in 2019 for boys and girls separately, each with an area of 436.00 sq. ft and 600 sq. ft respectively.

**Auditorium:** The three auditoriums are well-furnished, air-conditioned, and equipped with LCD projector, scrolling screen and an audio system, all with internet access. In addition, the institution has a spacious open-air auditorium with a raised platform and an open ground that can be used for both cultural activities and official gatherings. The open-air auditorium can accommodate audiences of more than 1000 people for large gatherings.

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
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	<a href="#">View File</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

4.6

File Description	Documents
Upload audited utilization statements	<a href="#">View File</a>
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
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 38504 volumes and 7702 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.

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 (DELNET: 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 (e-books, e-journals, magazines and videos) 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	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.ifet.ac.in/NAAC_2021/criteria_4/LMS.pdf">https://www.ifet.ac.in/NAAC_2021/criteria_4/LMS.pdf</a>

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

**4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals**

**during the year (INR in lakhs)****1.36**

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

**4.2.4 - 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****455**

File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
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. Every year the institution allocates a budget for updating the IT facilities. Currently, the institution has 819 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. This policy applies to the following stakeholders: Students, Faculty members and Administrative staff



(Technical/non-technical).

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

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.ifet.ac.in/NAAC_2021/criteria_4/4.3.1_WEBSITE_2020-2021.pdf">https://www.ifet.ac.in/NAAC_2021/criteria_4/4.3.1_WEBSITE_2020-2021.pdf</a>

#### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1470	739

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

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

A. 750 Mbps

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

**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	<a href="#">View File</a>
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	<a href="#">View File</a>

#### 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)**

74.59

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

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.

**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 once in a month. Every laboratory assistant records the utilization of equipment, computers and other required materials for experiments.

**Sport complex/ground/equipment:** The Physical Director (PD) is responsible for managing and maintaining the sports facilities in accordance with the requirements of both the grounds and sports equipment. 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 on alternate days 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	<a href="#">View File</a>
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

1425

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

119

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

**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	<a href="https://www.ifet.ac.in/NAAC_2021/criteria_5/skill%20proof%202020.pdf">https://www.ifet.ac.in/NAAC_2021/criteria_5/skill%20proof%202020.pdf</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

254

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

**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	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 5.2 - Student Progression

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

**254**

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

### 5.2.2 - Number of outgoing students progressing to higher education

23

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

### 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

05

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

### 5.3 - Student Participation and Activities

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

1

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

College creates a platform for the active participation of the students in the various academic and administrative bodies. This empowers the students in gaining various skills apart from leadership and headship qualities. Each Cell has a separate mode of selection and function based on the need and importance of the

Cell/Committee/Forum. A few key activities of the Students in the Committees are: The student members bring forward the views and suggestions of the entire class with respect to the faculty, subjects, syllabus, and other things related to the class. The Class Committee helps students to share their ideas, interests, and concerns. They took part in social events, community projects, helping people in need, and college reform. Various programs like paper presentations, workshops, and seminars are organized by these bodies. Senior students act as juries for the expos conducted by junior class students.

Apart from that, we have formed a Library committee for improving the reading habits of the students, an Innovation cell, Cultural Committee for students' Extra Curricular Skill Development, for Discipline, Anti Ragging Committee, Grievances redressal committee for addressing the grievances of the students, Hostel Committee, Canteen Committee and Hostel & Mess Committee. The College Management provides funding for various activities of the internal college bodies.

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

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.ifet.ac.in/NAAC_2021/criteria_5/5.3.2_Student%20Participation%20and%20Activities.pdf">https://www.ifet.ac.in/NAAC_2021/criteria_5/5.3.2_Student%20Participation%20and%20Activities.pdf</a>

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

09

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 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 give support to the students through interaction, financial aids, guidance, mock interviews, as resource persons for guest lectures, and jury for various competitions.
- The mission of the Alumni Association is to foster a mutually beneficial relationship between the Institute and its alumni. Apart from this a regular visit by the Alumni for discussion with the students about the present industrial scenario helps for the Placement opportunities of the students.
- Encourages and promotes close relationships between the Institution and its alumni.
- Assist and supports the efforts of the Institution in obtaining funds for development.
- To serve as a forum through which alumni may support and advance the pursuit of academic excellence at the Institution.
- Alumni are included as members of the Board of Studies of all departments. They are invited for meetings at the college and they interact with their teachers and express their suggestions on curriculum revision. A Few Alumni from the industry have given talks on contemporary technological developments. They help in admission and training students in aptitude and technical skill building.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.ifet.ac.in/NAAC_2021/criteria_5/Alumni%20meet%202020.pdf">https://www.ifet.ac.in/NAAC_2021/criteria_5/Alumni%20meet%202020.pdf</a>

**5.4.2 - Alumni's financial contribution during the year**

**E. <2 Lakhs**

File Description	Documents
Upload any additional information	<b>No File Uploaded</b>

## **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,

- To introduce new programmes like Data Science, Machine Learning, Artificial Intelligence and Cyber security
- To establish Five Centres of Excellence
- 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	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.ifet.ac.in/images/Satutory%20bodies%20&amp;%20Committee.pdf">https://www.ifet.ac.in/images/Satutory%20bodies%20&amp;%20Committee.pdf</a>

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

## participative management

The participative management of IFETCE believes in decentralized leadership at every level of administration and a robust structure has been established to sustain and improve the quality of education.

National conference on "Recent Advances in Smart System Automation, Computing and Communication (RASCC-2020)" was held during August 28th-29th, 2020. Conference chair Dr.J.Vidhya, ASP/ECE and Mrs. M. Margarat, ASP/ECE held a meeting with the committee members and decided to plan a conference at IFET College of Engineering as part of a knowledge sharing program for faculty and students. The conference proposal was submitted to the management for budget approval.

**Registration Committee:**

This committee manages the registration of participants and keeps a record of the attendees.

**Session chair Invitation and arrangement Committee:**

The committee members were given autonomy to elect session chair from the relevant field for the conference.

**Budget Committee:**

The budget committee prepared the budget considering all planned expenses for the program. After completion, the utilization certificate was submitted to the funding agency by the programme coordinator.

Hence, all the teaching and non-teaching staff including students were part and parcel of the event. So, while executing the event, the institute practiced decentralization and participative management.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.ifet.ac.in/NAAC_2021/criteria_6/6.1.2%20Strategic%20plan.pdf">https://www.ifet.ac.in/NAAC_2021/criteria_6/6.1.2%20Strategic%20plan.pdf</a>

## 6.2 - Strategy Development and Deployment

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

Establishing of "Centres of Excellence" was implemented based on the strategic plan for the year 2019-2024 of IFET College of Engineering (IFETCE). The Placement Head Prof.S.Viswanathan of IFET College of Engineering approached M/s. Solverminds Solutions & Technologies Pvt. Ltd. to establish a Centre of Excellence (CoE) in the institution. An acceptance letter from the organization was sent through electronic mail to the college regarding the visit. The faculty in-charge Mrs. S. Usharani, ASP/CSE made an online presentation about the college, for the company delegates. A draft copy of the Memorandum of Understanding (MOU) draft was sent through the mail. The concerned faculty in-charge discussed with the management the terms and conditions between the organization and the institution. The necessary infrastructure and the laboratory were provided according to the company's requirements. To support the CoE activities, a specific laboratory with 35 personal computers along with three faculty members Mr. P. Rajesh, Mrs. R. Rajeswari and Mrs. V. Akshaya from the CSE department were deputed for the Solverminds Training division exclusively. After setting up the arrangements stated by Mr.Ravishanker Kannan, Head-Talent Acquisition, SOLVERMINDS Solutions & Technologies Pvt. Ltd, the MOU was signed on the college campus on 01.06.2021. Thus the Centre of Excellence (CoE) has been established as per the strategic plan for the benefit of the students' placement and internship activities.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.ifet.ac.in/NAAC_2021/criteria_6/6.1.2%20Strategic%20plan.pdf">https://www.ifet.ac.in/NAAC_2021/criteria_6/6.1.2%20Strategic%20plan.pdf</a>
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 the Principal.

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 inter-college competitions for various sports events.

**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	<a href="https://www.ifet.ac.in/NAAC/Organogram.pdf">https://www.ifet.ac.in/NAAC/Organogram.pdf</a>
Upload any additional information	<a href="#">View File</a>
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	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
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 pay.
- Medical leave.
- Casual leave, On-duty and Compensation leave.
- Maternity leave.
- Vacation for each semester.
- Telecommunication facilities, Overcoat and free refreshments.
- Educational loan for higher studies
- Interest free loans for emergency.
- Well- 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.
- Interest free loans for emergency.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.ifet.ac.in/NAAC/IFET_HR_Policy.pdf">https://www.ifet.ac.in/NAAC/IFET_HR_Policy.pdf</a>

### 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

75

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

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

5

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 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.)

93

File Description	Documents
Summary of the IQAC report	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

### 6.4.1 - Institution conducts internal and external financial audits regularly

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 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	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.ifet.ac.in/images/Budget/Budget%202021.pdf">https://www.ifet.ac.in/images/Budget/Budget%202021.pdf</a>

#### 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	<a href="#">View File</a>
Paste link for additional Information	<a href="https://ifet.ac.in/funds_received.php">https://ifet.ac.in/funds_received.php</a>

## 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)

### Quality Benchmarking and Accreditation:

IFET College of Engineering (IFETCE) of IQAC drives to seek accreditation from NBA and NAAC with good marks and grades in the upcoming years. In order to achieve this, the NBA coordinator Mr.D.Sathish Kumar, ASP/ECE and Co-coordinator Mr.Sivanantham, SAP/EEE have been appointed to apply for NBA accreditation for all the eligible courses. For NAAC reaccreditation, IQAC has offered suggestions to give concentrate on the Quantitative metrics to

enhance an institution's credibility, and quality assurance. This in turn might lead to global recognition, making it easier for IFETCE students to pursue higher education or acquire employment opportunities worldwide.

#### Innovative Assignments:

At IFET College of Engineering, Student assignments align with innovative aspects in relevant fields. Classes consist of ten teams, each with five members. Beyond the regular curriculum, students tackle diverse queries. They extract real-world applications and tech significance, presenting them in class. Participation is crucial for grasping ideas and technical content. These assignments nurture creativity, expanding horizons and uncovering new interests. Students receive three to five assignments per subject, enhancing intelligence. Real-time case studies encourage unique student opinions, often yielding practical solutions to long-standing issues.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://ifet.ac.in/Innovative-Teaching.php">https://ifet.ac.in/Innovative-Teaching.php</a>

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.Student Feedback and Support:

IQAC-Coordinator Mr.Sethuraman, ASP/MECH along with the Dean academics Dr. S. Matilda, Prof/CSE of IFET College of Engineering (IFETCE) administer surveys or feedback mechanisms to gather input from students about their learning experiences. This includes feedback on the quality of teaching, course materials, support services, and overall satisfaction. The IQAC also conducts periodic assessments of student performance and engagement.

Based on student feedback and assessment results, IQAC has implemented various reforms to enhance the teaching-learning process. Whenever students report issues with a particular course or instructor, the IQAC may facilitate workshops or training sessions for faculty to improve their teaching skills. Additionally, the institution may invest in student support services such as tutoring, counseling, or career guidance to address students' non-academic

needs and enhance their overall learning experience.

## 2. Project-Based Learning

IQAC-Coordinator Mr.Sethuraman, ASP/MECH along with the Dean academics Dr. S. Matilda, Prof/CSE of IFETCE encourages students in Project-based learning to know real-world problems or address issues that have relevance beyond the classroom.

To implement this, all the first year IFETCE students undergo a CEMP-Basic Science Project. Students are given autonomy to choose projects, conduct research, create deliverables, and present their findings to their peers or a broader audience. These teaching-learning reforms represent innovative approaches to education that aim to enhance student engagement, critical thinking, and practical skills development. They are part of a broader effort to move away from traditional, passive learning methods and toward more student-centered and experiential approaches.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://www.ifet.ac.in/NAAC_2021/criteria_2/cempproject.pdf">https://www.ifet.ac.in/NAAC_2021/criteria_2/cempproject.pdf</a>

**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	<a href="https://ifet.ac.in/Annual_report.php">https://ifet.ac.in/Annual_report.php</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
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 core values of the institution, goals and policies ensure gender equity and sensitisation in the provision of facilities and conduct of curricular and co-curricular activities. One of the core values, 'Dignity,' envisions gender equity, the foundation for the empowerment and socio-economic transformation. Faculty hold equal administrative and academic leaderships such as HoD, chair of statutory committees, coordinators of clubs and associations, secretaries of Academic Council and Boards of Study, IQAC. Leadership in Student Council, clubs and associations are equally shared by both genders. Equal opportunity for students is ensured in cultural and sports training, projects and organizing events. Activities reflecting gender equality and inclusiveness are organized frequently. Among the staff members nearly 44.5 % are women of which nearly 7.2% are doctorates actively participating in research, boards of study and IQAC. Female students are given equal opportunity to participate in events, such as the Student Technical Symposium, key holiday celebrations, sporting events, cultural events, and so on. In our college, the women's empowerment cell is successfully doing numerous programmes on gender prejudice, stereotyping, personal hygiene, gender equality and women's rights.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://ifet.ac.in/NAAC_2021/criteria_7/Gender%20equality%20photos%2020-21.pdf">https://ifet.ac.in/NAAC_2021/criteria_7/Gender%20equality%20photos%2020-21.pdf</a>

<b>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</b>	<b>A. Any 4 or All of the above</b>
<b>File Description</b>	<b>Documents</b>
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>
<b>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)</b>	
<p><b>Solid Waste Management:</b></p> <p>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 &amp; Green initiatives are also practiced by the NSS unit of the Institution.</p> <p><b>E-Waste Management:</b></p> <p>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.</p> <p><b>Liquid waste Management:</b></p> <p>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.</p>	

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

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

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

A. Any 4 or All of the above

File Description	Documents
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	No File Uploaded

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

<p><b>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</b></p> <ol style="list-style-type: none"> <li><b>1. Green audit</b></li> <li><b>2. Energy audit</b></li> <li><b>3. Environment audit</b></li> <li><b>4. Clean and green campus recognitions/awards</b></li> <li><b>5. Beyond the campus environmental promotional activities</b></li> </ol>	<p><b>A. Any 4 or all of the above</b></p>										
<table border="1"> <thead> <tr> <th data-bbox="86 698 550 757">File Description</th> <th data-bbox="557 698 1471 757">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 766 550 898">Reports on environment and energy audits submitted by the auditing agency</td> <td data-bbox="557 766 1471 898" style="text-align: center;"><a href="#">View File</a></td> </tr> <tr> <td data-bbox="86 907 550 1003">Certification by the auditing agency</td> <td data-bbox="557 907 1471 1003" style="text-align: center;"><a href="#">View File</a></td> </tr> <tr> <td data-bbox="86 1012 550 1108">Certificates of the awards received</td> <td data-bbox="557 1012 1471 1108" style="text-align: center;"><a href="#">View File</a></td> </tr> <tr> <td data-bbox="86 1117 550 1171">Any other relevant information</td> <td data-bbox="557 1117 1471 1171" style="text-align: center;"><a href="#">View File</a></td> </tr> </tbody> </table>	File Description	Documents	Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>	Certification by the auditing agency	<a href="#">View File</a>	Certificates of the awards received	<a href="#">View File</a>	Any other relevant information	<a href="#">View File</a>	<p><b>A. Any 4 or all of the above</b></p>
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Any other relevant information	<a href="#">View File</a>										
<p><b>7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.</b></p>	<p><b>A. Any 4 or all of the above</b></p>										

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

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

The institution envisions igniting the minds of youth with intellectual and moral leadership through an inclusive environment to realise the prevailing pluralism and make positive contributions leading to the prosperity of society and the nation. Academic and administrative activities promote tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities. 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 a assortment of 63 of students from the 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. Sports, cultural and technical activities are organized inside the college to promote harmony towards each other. The Institution celebrates regional and national festivals and birth anniversaries of national leaders through cultural programmes and seminar sessions.

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

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

The institution realises the paramount role of moulding responsible citizens of the country. One of the goals of the institution is to



mould integrated personalities who can transform the future of the nation by having the right values and aspirations of nation building. Driven by the mission to build a strong nation, diverse activities and programmes in the college focus on sensitisation of students, faculty and staff on constitutional obligations: values, rights, duties and responsibilities of citizens. The departments and centres organise interactive and experiential activities and programmes to sensitise college community on constitutional obligations. To instil Moral, Social and Ethical values, the college has introduced a course on Indian constitution as a 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. The importance of Humanity and the value of human life was realized more specifically during the pandemic and it became an essence to create awareness towards the virus, and as an initiation towards a social cause.

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

**7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized**

**A. All of the above**

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

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

The HEI celebrates several national and international commemorative days with zeal and enthusiasm.

The events conducted in the course of celebration of various commemorative day during the academic year 2020-2021 is listed below.

1.Covid Awareness Programme held on 18.11.2020 with 65 participants

2.Tree Plantation Drive in College Campus held on13.2.2021.

3.Temple Cleaning in Adopted Villages held on 27.2.2021

4. Field Work in adopted Villagesheld on12.3.2021.

5.Energy Conservation Day held on 15.3.2021 more the 70 students participated in the programe.

6. Swachh Bharat Mission held on 19.3.2021 nearly 48 students participated in the activity.

7.Annual day program was held on 13-3-2020.Mr. S. Kirthivasan, HR Manager, Virtusa Corporation, Chennai, chaired as the chief guest.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	<a href="#">View File</a>
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\\_2021/criteria\\_7/best%20practices.pdf](https://ifet.ac.in/NAAC_2021/criteria_7/best%20practices.pdf)

**Best Practice 2: Title: Virtual laboratory -**

[https://ifet.ac.in/NAAC\\_2021/criteria\\_7/best%20practices.pdf](https://ifet.ac.in/NAAC_2021/criteria_7/best%20practices.pdf)

File Description	Documents
Best practices in the Institutional website	<a href="https://ifet.ac.in/NAAC_2021/criteria_7/best%20practices.pdf">https://ifet.ac.in/NAAC_2021/criteria_7/best%20practices.pdf</a>
Any other relevant information	<a href="https://ifet.ac.in/NAAC_2021/criteria_7/evidence20-21.pdf">https://ifet.ac.in/NAAC_2021/criteria_7/evidence20-21.pdf</a>

## 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 opportunity to 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	<a href="https://www.ifet.ac.in/NAAC_2021/criteria_7/institutional%20distinctiveness.pdf">https://www.ifet.ac.in/NAAC_2021/criteria_7/institutional%20distinctiveness.pdf</a>
Any other relevant information	<a href="#">View File</a>

### 7.3.2 - Plan of action for the next academic year

To increase the placement activities by signing MoU's with the corporates of repute.

To include e-learning tools to enhance the teaching -learning experience.

To include Physical Education Training in the regular time table.

To identify real-time sociteal problems through field visits to the nearby villages.

To create a domainwise 'problem statements bank', off the Hackathons and Ideathons and encourage students to work on them

Resolved to organize the various awareness programs in Entrepreneurship, Design thinking and critical thinking to aid in creating Startups