



IFET

College of Engineering

(A Unit of Indo French Educational Trust)

An Autonomous Institution

Approved by AICTE, Permanently Affiliated to Anna University
Accredited by NAAC & NBA, Registered under Section 2(f) & 12 (B) of UGC Act - 1956

Recognized Research Centre of Anna University

IFET Nagar, Gangarampalayam PO, Villupuram- 605 108.

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COURSES

CRITERION II - TEACHING-LEARNING AND EVALUATION

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

DECLARATION

This is to certify that for the Academic Year 2020-2021, the institution uses various Student-centric methods such as experiential learning, participative learning and problem-solving methodologies for enhancing learning experiences of our students.

The following documents have been enclosed as proof of this learning.

1. Experiential Learning

- **Laboratory Courses and Virtual Labs** (Curriculum and list of experiments)
- **Internships** (name list, front sheet of the report)
- **Basic Science Project (CEMP)** (Circular, Invitation, name list with project title, screenshot and report)

2. Participative Learning

- **Activities through various Clubs and Professional Societies**(Membership list of ISTE, IEEE, CSI, IEL, IETE and College website link for professional societies activities)
- **Awareness Camp on Entrepreneurship** (list of events conducted, students name list, photos of the event)
- **Guest Lecture, Workshop and Seminar** (List of students attended guest lecture, seminar and workshop)
- **Co-Curricular Events**
 - a. **Proposals submitted to TNSCST** (name list, proposal title, front sheet of submitted proposal)
 - b. **Mini projects** (student name list with title and guide name)

3. Problem Solving Learning

- **Soft Skill Programme** (Circular, Schedule, Attendance, payment details for outsourced trainers)

- **Project Based Learning**

a. **Project** (name list with project title, front sheet of the report)

b. **Basic Science Project(CEMP)** (Circular, invitation, project title, screenshot)

c. **Internship**(student name list with industry name and certificates)

- **Aptitude and Technical Skill Training** (Schedule, syllabus)


CRITERION INCHARGE


IQAC COORDINATOR


PRINCIPAL

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

To improve the learning experience, our institution has used a number of learner-centered 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: It is the process of learning via experience. It is more clearly described as learning by reflection on doing or hands-on learning.

Activities	Link
Laboratory Courses and Virtual Labs	https://www.ifet.ac.in/NAAC_2021/criteria_2/labcourse.pdf (Lab Course) https://www.ifet.ac.in/NAAC_2021/criteria_2/physicallab.pdf (Physical Facilities for lab) https://www.ifet.ac.in/NAAC_2021/criteria_2/virtuallab.pdf (Microprocessors and Microcontrollers)
Internships	CSE: https://www.ifet.ac.in/NAAC_2021/criteria_2/cseintern.pdf ECE: https://www.ifet.ac.in/NAAC_2021/criteria_2/eceintern.pdf IT: https://www.ifet.ac.in/NAAC_2021/criteria_2/itintern.pdf MBA: https://www.ifet.ac.in/NAAC_2021/criteria_2/mbaintern.pdf
Basic Science Project (CEMP)	https://www.ifet.ac.in/NAAC_2021/criteria_2/cempproject.pdf

Participative Learning: The Institution employs the participatory learning concept in the teaching-learning process to improve information transfer through student engagement.

Activities	Link
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Activities through various Clubs and Professional Societies	<p><u>Professional Bodies Membership Details:</u></p> <p>Indian Society for Technical Education(ISTE): https://www.ifet.ac.in/NAAC_2021/criteria_2/iste.pdf</p> <p>Institute of Electrical and Electronics Engineers(IEEE): https://www.ifet.ac.in/NAAC_2021/criteria_2/ieee.pdf</p> <p>Computer Society of India(CSI):</p>
	<p>https://www.ifet.ac.in/NAAC_2021/criteria_2/csi.pdf</p> <p>The Institution of Engineering(IEI): https://www.ifet.ac.in/NAAC_2021/criteria_2/iei.pdf</p> <p>Institution of Electronics and Telecommunication Engineers (IETE): https://www.ifet.ac.in/NAAC_2021/criteria_2/iete.pdf</p> <p>College Website Link for Profession Bodies Activity: https://www.ifet.ac.in/NAAC_2021/criteria_2/professionbodies.pdf</p>
Awareness Camp on Entrepreneurship	<p>https://www.ifet.ac.in/NAAC_2021/criteria_2/campentrep.pdf</p>
Guest Lecture, Workshop and Seminar	<p>https://www.ifet.ac.in/NAAC_2021/criteria_2/seminar.pdf</p>



<p>Co-Curricular Events</p>	<p><i>1. Tamilnadu State Council for Science and Technology(TNSCST):</i> https://www.ifet.ac.in/NAAC_2021/criteria_2/tnscstcse.pdf (CSE) https://www.ifet.ac.in/NAAC_2021/criteria_2/tnscstece.pdf (ECE) https://www.ifet.ac.in/NAAC_2021/criteria_2/tnscsteee.pdf (EEE) https://www.ifet.ac.in/NAAC_2021/criteria_2/tnscstit.pdf (IT) https://www.ifet.ac.in/NAAC_2021/criteria_2/tnscstmech.pdf (MECH)</p> <p><i>MINI PROJECT:</i> https://www.ifet.ac.in/NAAC_2021/criteria_2/miniprojit.pdf (IT) https://www.ifet.ac.in/NAAC_2021/criteria_2/miniprojcivil.pdf (CIVIL) https://www.ifet.ac.in/NAAC_2021/criteria_2/miniprojeeeIII.pdf (EEE – III YEAR) https://www.ifet.ac.in/NAAC_2021/criteria_2/miniprojeeeII.pdf (EEE – II YEAR) https://www.ifet.ac.in/NAAC_2021/criteria_2/miniprojmech.pdf (MECH)</p>
	<p>https://www.ifet.ac.in/NAAC_2021/criteria_2/miniprojcse.pdf (CSE)</p>

Problem Solving Learning: A problem solving technique is a student-centered education in which students learn by addressing open-ended issues. This approach enables students to acquire other desirable abilities and characteristics such as information acquisition, improved group cooperation, and communication. It improves critical thinking and literature retrieval while also encouraging continuing learning in a collaborative setting.

Activities	Link
Soft Skill Programme	https://www.ifet.ac.in/NAAC_2021/criteria_2/softskill.pdf



Project Based Learning	<p><u>PROJECT:</u></p> <p><u>CIVIL:</u> https://www.ifet.ac.in/NAAC_2021/criteria_2/pblcivil.pdf</p> <p><u>CSE:</u> https://www.ifet.ac.in/NAAC_2021/criteria_2/pblcse.pdf</p> <p><u>ECE:</u> https://www.ifet.ac.in/NAAC_2021/criteria_2/pblece.pdf</p> <p><u>EEE:</u> https://www.ifet.ac.in/NAAC_2021/criteria_2/pbleee.pdf <u>IT:</u> https://www.ifet.ac.in/NAAC_2021/criteria_2/pblit.pdf</p> <p><u>MECH:</u> https://www.ifet.ac.in/NAAC_2021/criteria_2/pblmech.pdf</p>
Aptitude and Technical Skill Training	<p>https://www.ifet.ac.in/NAAC_2021/criteria_2/att1.pdf</p> <p>https://www.ifet.ac.in/NAAC_2021/criteria_2/att2.pdf</p>