YEARLY STATUS REPORT - 2023-2024

Part A	
Data of the Institution	
1.Name of the Institution	IES COLLEGE OF ENGINEERING
• Name of the Head of the institution	Dr. S. Brilly Sangeetha
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04872309966
• Mobile No:	9787814100
• Registered e-mail	mail@iesce.info
• Alternate e-mail	principal@iesce.info
• Address	IES COLLEGE OF ENGINEERING P.O. CHITTILAPPILLY THRISSUR
• City/Town	Thrissur
• State/UT	Kerala
• Pin Code	680 551
2.Institutional status	
• Affiliated / Constitution Colleges	AFFILIATED
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**
• Name of the Affiliating University	**APJ Abdul Kalam Technological University**
• Name of the IQAC Coordinator	**Ms. Padmapriya V K**
• Phone No.	**04872309966**
• Alternate phone No.	**04872309965**
• Mobile	**9847054363**
• IQAC e-mail address	**iesiqac@iesce.info**
• Alternate e-mail address	**mail@iesce.info**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://iesce.info/pm_aqar
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://iesce.info/academic-calendar

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B+**	**2.65**	**2017**	**18/09/2018**	**17/09/2022**

6.Date of Establishment of IQAC	**20/05/2016**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institutional	**Idea Hackathon 2**	**MSME**	**2**	**1500000**

8.Whether composition of IQAC as per latest NAAC guidelines	**Yes**
• Upload latest notification of formation of IQAC	View File

9.No. of IQAC meetings held during the year	**2**
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	**Yes**
• If No, please upload the minutes of the meeting(s) and Action Taken Report	View File
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**
• If yes, mention the amount	

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

1. IEDC coordinator conducted awareness on startup 2. Best teacher award given to the outstanding teachers 3. Awareness program on antiragging and anti narcotics were given 4.NBA file audit and report submission 5. exam question paper scrutiny and procedure.

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Analysis of feed back from alumni	**a page is allotted in website to post a feed back by alumni and posted the information on activities of the alumni**

13.Whether the AQAR was placed before statutory body?	**Yes**
• Name of the statutory body	

Name	Date of meeting(s)
Academic Council	**27/08/2023**

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2022-2023	05/04/2024

15.Multidisciplinary / interdisciplinary

College Vision: IES College of Engineering strives to be an institution of repute to create competent engineering professionals endowed with innovation for nation building. Mission: M1: To achieve recognition from statutory bodies and become one of the top ranking institution in the country M2: To provide technological, communication, aptitude and life skill training to enable the students to become successful professional. M3: To promote innovation by encouraging students to initiate design and product development activities. M4: To inculcate entrepreneurial attitude by providing necessary mentoring, training and guidance for students to establish startups. The vision of the institute is accomplished through its mission,which concentrate on grooming the students to become successful multidisplinary professional in product design, development and to start the start ups through the mentoring, guidance, technological,communication, aptitude and life skill training. As part of the university syllabus and curriculum, the weightage is given with the integration of humanities and science with STEM in the curriculum offered for the programme. Since the Institution is an affiliating nature, it follows the curriculum and syllabus offered by the University. the curriculum and syllabus provided by the university itself, offer flexible and innovative curricula that includes components like credit-based courses and projects in the areas of community engagement and service, environmental education, and value- based towards the attainment of a holistic and multidisciplinary education. Our students were already undertaking projects keeping in mind to solve the pressing problems of the local community and also our NSS activities are planned in a such way that to address the solutions of society's most pressing issues and challenges locally faced.

16.Academic bank of credits (ABC):

The institution is planned to fulfil the requirement of Academic bank of credits as proposed in NEP 2020, it is also planning to consider the learners should avail the benefit of multiple entries and exit during the chosen programme within the capacity of affiliating nature. Already the institution is collaborating with various organisation at local, national level and international level to offer various programs, seminars and webinars for the skill enhancement of the student's community. The institution is ready to give opportunity to the needed students to do semester abroad

program within the affiliating institutions capacity. The faculty members were encouraged to give feedback to frame and design the curriculum and syllabus framed by the university, the faculties are also encouraged to suggest and follow a textbook of updated nature, in selecting a reading material, free hand to choose an assignments and assessment based on the OBE.

17.Skill development:

The institutions IEDC, stimulates and supports scientific vigor of the students in designing and developing some innovative products by applying innovative ideas of students in their mind. The students were encouraged to show their skills and also multidisciplinary talents of their innovation through the product display in the techfest program organised at college level. The value based education is taught to the students community time to time since the college vision and mission itself valuing the importance of life skills.

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

Arts and Culture were taken care by the college as part of the curriculum and calendar released by the university, each academic year university has given a calendar to conduct arts festival within the college campus. the students of various departments are participating the events organised by the college. it stimulates and motivates the students to concentrate on these performances on stage. Based on the individual performance record of the student, the corresponding student will get a prize and certifications and also based on the overall performance of the department, the department will get a winning trophy. the participating student will also get an activity point which will be considered as part of the minimum activity points that should be earned by the students to clear the corresponding semester. The official medium of instruction is in English, but if the student is difficult to understand the concept through English medium of instruction, the practice of teaching and assisting the students in local mother tongue is also happening. Those students will be called to the faculty room and they will be assisted by the respective subject handling faculty member to taught the portions in regional languages, which enable them to understand the concepts clearly and to appear & write the continuous assessment examinations without much difficulty.

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

IES has accepted and adopted Outcome Based Education, which is a student-centered instruction model that focuses on measuring student

performance through outcomes. Outcomes include knowledge, skills and attitudes. Program Outcomes, Program Specific Outcomes and Course Outcomes are evaluated to measure the knowledge, skills, and behaviour of students for the continuous quality improvement of each Course and Programs as a whole using the below-mentioned procedure. Program educational objective, Program outcome, program specific outcome and course outcome are all measured using the guidelines set by the KTU which includes both direct assessment and indirect assessment. Direct attainment: Each course is evaluated based on direct and indirect assessment tools. Direct assessment tools include internal exams, assignments and university examinations. Indirect Method: Program exit survey, Alumni feedback, and Employer survey. POs and PSOs are calculated by using Direct and indirect tools. PO/PSO direct attainment calculations are based on the CO attainment of each course and the CO-PO or CO-PSO matrices that have been developed for each course. Finally, overall direct attainment of each PO/PSO is taken as the average value of PO/PSO attainment of all the courses. PO/PSO indirect attainments calculated from program exit survey, alumni survey and employer survey. In order to calculate the overall attainment of each PO, a weightage of 80% has been given for DIRECT method and 20% for INDIRECT method. Graduate Attributes drafted and accepted in the Washington Accord are identified as Programme Outcomes of the Engineering Degree Course by the NBA and we follow the same. Apart from these POs, our college has clearly stated Programme Specific Outcomes and Course Outcomes. KTU, the University to which we are affiliated, publish well defined Course Outcomes along with the syllabus of each Course from 2019 onwards and our college only has to make marginal changes to it. Ultimate care is taken by the concerned staff members while redrafting Course Outcomes. These Outcomes are reviewed and suggestions are given by the Department IQAC which is constituted in every Department with specific objectives. Our college has various methods for communicating the Learning Outcomes. Teachers spend some time every day, at the beginning of the class, to explain the Learning outcomes.

20.Distance education/online education:

Blended learning and usage of advanced technological tools such as wifi enabled class, projectors and computer assisted learning activities are happening as a regular affair. The faculty members were asked to use ICT tools as part of teaching learning activities in class rooms. These combination of teaching learning activities motivated the students to listen and perform better in their class rooms without any distractions in learning.

Extended Profile

1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	**8**

File Description	Documents
Data Template	<u>View File</u>

2.Student	
2.1 Number of students during the year	**168**

File Description	Documents
Data Template	<u>View File</u>

| 2.2

 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year | **5** |

File Description	Documents
Data Template	<u>View File</u>

| 2.3

 Number of outgoing/ final year students during the year | **228** |

File Description	Documents
Data Template	<u>View File</u>

3.Academic	
3.1 Number of full time teachers during the year	**76**

File Description	Documents
Data Template	<u>View File</u>

3.2	**67**

Number of Sanctioned posts during the year	

File Description	Documents
Data Template	No File Uploaded

4.Institution

4.1 Total number of Classrooms and Seminar halls	**55**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**1472647087**
4.3 Total number of computers on campus for academic purposes	**427**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Effective delivery of the curriculum starts with the preparation of the academic calendar.

- **Based on the KTU academic calendar, a college calendar is prepared at the beginning of each semester with a plan of conducting examinations, co-curricular and extracurricular activities of the college.**
- **A time table committee is formed with representatives from all departments and in this meeting ,they draw up detailed timetable which efficiently deploys the units of time for academic and co-curricular purposes like theory, practical, tutorial, life-skill, value education and add-on classes thereby ensuring a balance between the different types of engagement a student is expected to participate in. .**
- **Lesson plan is prepared with well-defined course outcomes, subject notes, learning materials .Classes are conducted as per the lesson plan. Course Committees and Class Committees are constituted which meet at least thrice in a semester.**
- **Course delivery as per lesson plan and completion of syllabus is monitored by HOD. Students' feedback is taken twice in the**

semester for teaching learning process
* Continuous assessment and progress of Lab work is done according to the manual for conducting lab experiments.
* Mentoring system is in place with around a maximum of 15 students assigned to one mentor facult

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://iesce.info/academic-calendar

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Before the beginning of every academic year, KTU announces detailed academic calendar based on the guidelines of AICTE, taking into account of the mandatory number of working). The plan for teaching learning process is organized by the college academic council at the beginning of every semester .Two series examinations per semester was conducted.After the publication of the results of all series examinations, subject wise, weak students are identified and appropriate remedial measures are initiated. Tutorials and assignments, presentation of seminars , projects and evaluation of designs / mini projects, are scheduled as per the academic calendar. Internal marks are finalized and published based on series test marks, assignment marks and attendance of the students, as per the guidelines from the university.Students securing minimum internal marks as prescribed by the university (KTU 2015 Scheme)are eligible for attending university examination. Ineligible students are required to attend summer course/ course repeat to acquire eligibility for attending university examination. Apart from securing minimum pass mark in the university examination students are also required to obtain activity points by participating in various co-curricular and extracurricular programmes as per the guide lines of university for completing their degree course.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://iesce.info/academic-calendar

1.1.3 - Teachers of the Institution participate in C. Any 2 of the above

following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

5

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

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

6

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

13

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

13

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

EnvironmentandSustainability

The curriculum in KTU includes courses such as Design and Engineering, Sustainable Engineering and Sustainable Energy are some of the areas covered. IESCE arranges frequent awareness programmes using posters, models, PPT presentations, talks, and seminars to raise awareness and comprehension among the general public about the need of protecting our environment and promote an ecological equilibrium in the environment. NSS and other cells such as the Literary and Science Club arrange a variety of environment-related events such as Earth Day, World Environment Day, tree planting, flood relief, Clean India- Swachh Bharat

Campaign,andsoon.

ProfessionalEthicsandHumanValues

KTU has integrated courses like Life Skills, Professional Ethics, Constitution of India in the curriculum in order to promote Human Values and Professional Ethics among engineering graduates. These papers largely discuss the intricacies of Human Values and Ethics, as well as how to apply them in everyday social and professional situations. IESCE provides an induction programme for new entrants to help them adjust to their new surroundings, improve awareness, sensitivity, and understanding of themselves, others, society, and nature. Students can acquire and assimilate professional ethics through participating in extended programmes, workshops, and attending guest lectures.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

212

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships

132

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	[View File](#)
URL for feedback report	https://iesce.info/FEEDBACK

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

414

File Description	Documents
Any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)

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

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

140

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The college has implemented a proven system to identify both slow and advanced learners, beginning the process before the program starts. Tutors play a key role in identifying student needs, with

those facing major psychological issues referred to counselors. Remedial programs, held outside regular classes, aim to improve the performance of slow learners, supplemented by personality development sessions and peer learning initiatives. The goal is to boost confidence and competence, reducing dropout rates.

For advanced learners, participation in seminars, workshops, and technical exhibitions is encouraged, with recognition through social media and the college website. Special skills and interests are identified and supported, with students encouraged to enroll in online courses and industry-oriented programs. Entrepreneurial students are supported in starting their own ventures, while those with technical interests engage through initiatives like the IEEE Student Branch. These activities cater to diverse student needs, fostering academic success and personal growth.

File Description	Documents
Link for additional Information	https://iesce.info/uploads/userfiles/2_2%20R EMEDIAL%20CLASS%20RECORDS%2023-24%20ECE.pdf
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
758	76

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

IES College of Engineering employs student-centric methods to foster self-reliance and motivation, utilizing experiential learning, participative techniques, and problem-solving approaches. Linways software and teaching aids like LCD projectors enhance accessibility and supplement classroom teaching. Students are encouraged to undertake MOOC courses like NPTEL and Coursera for deeper subject understanding.

Experiential learning, showcased in TECHFEST projects, includes laboratory sessions, internships, add-on courses, and project development. Participative practices like tech fests, industrial visits, and co-curricular activities build self-confidence and industry insight. Problem-solving methods such as practical sessions and quizzes further enhance learning.

Innovative tools like Google Classroom and participation in contests and value-added courses contribute to holistic development. Integration of ICT tools and e-resources facilitates a transition to student-centric learning. Through these initiatives, IES College of Engineering ensures a dynamic and effective learning environment, promoting lifelong learning skills among its students.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://iesce.info/CRITERIA%202

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Information and Communication Technology (ICT) in education is the mode of education that use information and communications technology to enhance the delivery of information. IES College of Engineering encourage teachers to use ICT enabled teaching tools like PPT Presentation, Recorded Online videos, NPTEL lectures, Moodle, Google classrooms etc.

ICT enabled activities of the Institution:

- NPTEL(Swayam) Student chapter

NPTEL was started during the year 2019 in IES College of Engineering. The objective of this effort is to take the best teaching learning resources to all students.

- Coursera

Coursera student chapter in IES College of Engineering was started during 2020 which helps to offer online courses, certifications, and degrees in a variety of subjects.

- **Linways**

It is an education technology expert primarily focused in the higher education domain for providing academic management solutions for our institution.

- **Google ACE Program**

Google Associate Cloud Engineer program is an online training program offered by Google to develop cloud-based skills among students.

- **Digital Library**

The Library provides access to e-journal packages like IEEE and ACE journals. Also have membership in National Digital Library.

- **ICT tools in the Institution:**

ICT enabled classes are provided in which faculty can use LCD projectors for visualizing and demonstrating various concepts.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	http://iesce.info/uploads/userfiles/ICT tools.pdf

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

75

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	[View File](#)
Circulars pertaining to assigning mentors to mentees	[View File](#)
mentor/mentee ratio	[View File](#)

2.4 - Teacher Profile and Quality

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

75

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	**No File Uploaded**
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

6

File Description	Documents
Any additional information	**No File Uploaded**
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

76

File Description	Documents
Any additional information	**No File Uploaded**
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The quality of question papers is ensured by a question paper scrutiny committee. Question papers for each subject are set to assess the attainment level of the course outcomes and it is ensured that the questions have Blooms' Taxonomy action verbs. The faculty should select levels (conceptual, analytical, etc.) of questions meeting COs so that the learning abilities of the whole class can be analyzed through the scores obtained against each question. Faculty members evaluate the answer scripts and publish marks within one week (Linways). The whole evaluation of answer scripts is solely based on the pre-planned scheme/ answer key. Students who have missed either the first or the second test can write the same with the consent of the faculty and the head of the department. Retest may be allowed to students, which shall be conducted soon after the completion of the second test, but before the end semester examination. After each series test, remedial classes of each course are conducted for slow learners, for academic improvement.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://iesce.info/uploads/userfiles/2_5_1%20additional%20data%2023-24%20combined.pdf

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

After every internal examination the students get an opportunity to view their evaluated answer scripts and may get the anomalies rectified, if any, in discussion with the faculty handling the course. If the students have any grievances regarding answer sheet evaluation they can approach the class advisor. By the direction of the head of the department another faculty who is expert in that subject is appointed for revaluation.The marks scored by the students in tests are published regularly after evaluation to maintain transparency. Two tests and a minimum of 2 assignments are considered for internal assessment marks. The internal assessment marks are published by the departments at the end of the semester. Along with the published marks, students are informed to submit grievances, if any, to the HOD with supporting documents.HOD scrutinizes the cases and based on the merit, in consultation with the faculty concerned, recommends corrections, if any, to the original marks awarded to the student. These are conducted in a

timely manner so as to submit the marks in the University portal according to the deadlines provided by the University.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

IES College of Engineering prioritizes clear communication and implementation of learning outcomes across all levels of education. Graduate Attributes drafted and accepted in the Washington Accord are identified as Programme Outcomes of the Engineering Degree Course by the NBA and we follow the same. Apart from these POs, our College has clearly stated Programme Specific Outcomes and Course Outcomes.

Teachers regularly explain learning outcomes at the beginning of each class, and they are prominently displayed throughout the campus and on the college website for easy access. Hard copies are available in the college Library/ departments for ready reference to the teachers and students.

Additionally, there's a systematic mapping of COs to POs and PSOs, allowing for assessment of attainment levels at the end of each semester. This data informs discussions on measures to improve attainment, promoting continuous enhancement of teaching and learning processes. Overall, the college's comprehensive approach to communicating and implementing learning outcomes enhances transparency, accountability, and the quality of education provided.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://iesce.info/naac
Upload COs for all courses (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

IES has adopted Outcome Based Education which is a student-centered instruction model that focuses on measuring student performance through outcomes. Outcomes include knowledge, skills and attitudes. Program Outcomes, Program Specific Outcomes and Course Outcomes are evaluated to measure the knowledge, skills, and behavior of students for the continuous quality improvement of each Course and Programs as a whole using the below-mentioned procedure.

Direct attainment: Each course is evaluated based on direct and indirect assessment tools. Direct assessment tools include internal exams, assignments and university examinations

Indirect Method: Program exit survey, Alumni feedback, and Employer survey

POs and PSOs are calculated by using Direct and indirect tools. PO/PSO direct attainment calculations are based on the CO attainment of each course. Finally, overall direct attainment of each PO/PSO is taken as the average value of PO/PSO attainment of all the courses. PO/PSO indirect attainments calculated from program exit survey, alumni survey and employer survey. In order to calculate the overall attainment of each PO, a weightage of 80% has been given for DIRECT method and 20% for INDIRECT method.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	http://iesce.info/uploads/userfiles/Calculation%20of%20Learning%20outcome%2003-26-2022%2013_04_55.pdf

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

161

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://iesce.info/uploads/userfiles/Annual%20Report%202023-24%20(1).pdf

2.7 - Student Satisfaction Survey

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

https://iesce.info/uploads/userfiles/2_7%20Students%20Feedback%20Report%2023-24.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

15.25 Lakhs

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

2

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	**No File Uploaded**
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://msme.gov.in/

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

32

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

21

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

21

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The Institute has an Innovation and Entrepreneurship Development Cell (IES IEDC) established in 2016. Innovation and Entrepreneurship Development Centre (IEDC) is a flagship initiative of Kerala Startup Mission to promote innovation and entrepreneurship among the student and academic fraternity in the educational institutions in the State of Kerala. It is a student's organization established in the institution devoted to promoting the spirit of entrepreneurship among them. It also aims to conduct ED courses for students with the help of Kerala Startup Mission ,MSME & EDI, India. IES IEDC organizes seminars and various workshops periodically.. The cell also organizes idea competitions and mentors them to transform their ideas into reality Officials from different sectors are also invited as guest speakers for sessions to provide guidance on financial and registration aspects

of startups.

VISION:To inculcate an innovation culture among the students, to
create future entrepreneurs and position the institution, as a
learning, innovation and entrepreneurial hub.

MISSION:To establish an innovation platform by introducing the
State-of the-art technologies through promoting innovation and
entrepreneurship.

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

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

17

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

66

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

66

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

121

File Description	Documents
e-copies of linkage related Document	**No File Uploaded**
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

5

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

IES College of Engineering, the flagship institution of IES Education City, is conceived and developed as a hi-tech technical training institution . Nestled in close proximity to Thrissur city and surrounded by the sylvan surroundings of the Vilangan Hills and lush green paddy fields.IES EDUCATION CITY is spread over more than 40 acres of verdant land at Chittilappilly. The College campus is located in a sprawling area of clean and green ambience and covers1,23,186.31 m 2 (30.44 Acre) with a built-in area of 32,809 m2 , which provides a well balanced and soul enriching campus environment.IES is proud of having an overall strength of around2000 students, a fleet of 50 buses and separate hostels for boys and girls with modern amenities.In addition, care and attention is given to provide modern classrooms, well equipped laboratories, modern well stacked libraries and seminar halls. Each department has a seminar hall with an addressing area, white board, LCD projector and internet connection. The laboratories are well equipped with multiple sets of apparatus. Latest configuration desktops and softwares are provided in computer labs. Availability of textbooks, reference books and journals in the library is ensured for the effective course delivery.

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

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

The institution gives due importance to extracurricular activities along with academic subjects for the all-round development of the students. students are trained in sports and games under the guidance of qualified and specialized coaches. We provide sports facilities like Basketball,Volleyball,Badminton Court,Table Tennis,Football Court,Cricket In Campus.Some of our students have won medals in University levelcompetitionsand students from our college were selected into the University team.Inter-department sports and games(Intra-murals) are conducted every year with great enthusiasm and participation.The Yoga space is provided inside the campus and the instructor's Suvardhan Guru.Thereisafullyfledgedbadm int on court, table tennis board, volleyball court and basketball court and spacious football court. Carrom,Chess., etc are conducted as part of sports and games. Cultural activities like Onam,Christmas are celebrated and various competitions are conducted as a part of the same. Painting competitions are conducted among the students and charity events are arranged incorporating students,teaching and non-teaching staff members.

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

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

19

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

19

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://iesce.info/uploads/userfiles/additional%20file1-%204_1_3%20(2).pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

283.59

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	**No File Uploaded**

4.2 - Library as a Learning Resource

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

IESCE Central Library has been functioning since 2003 and it is sprawling over a carpet area of 8008.4 square feet. Library developed an extensive collection of 20,000 books covering all disciplines of engineering, technology, and management. Library is automated by using library software Book Magic (version 5.0).The transactions are carried out using barcode technology. The books are classified according to the DDC Scheme of Library Classification. A digital library with more than 10 multimedia systems is available.

Accessibility to Students:

A campus wide access to various E-Resources through institute IP address has been facilitated in accordance with the KTU Consortium.

Students can borrow books/ CD ROMS in the central library and users can also reserve the books which are on demand.

Special Services/ Facilities Offered:

- **OPAC**

- **Access to e-resources**

- **Digital Library of KTU/Calicut question papers**

- **Membership with NDL**

- **Documents are fully bar-coded for fast and accurate transactions.**

- **The library has internet facility with LAN**

- **Back volumes of journals (bound volumes)**

- **Newspaper clippings services.**

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional Information	https://iesce.info/uploads/userfiles/4_2_1%20ADDITIONAL%20FILE(1).pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources   **C. Any 2 of the above**

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

1.06009

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

560

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

IES College of Engineering has a reliable Internet facility accessible for the students and faculties. The internet provider is BSNL (Bharat Sanchar Nigam Limited) with an available bandwidth of 100 Mbps. The college is enabled with WiFi facility. Internet facility is enabled in the computer labs, classrooms, department faculty rooms and laboratories of the college.

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

4.3.2 - Number of Computers

367

File Description	Documents
Upload any additional information	View File
Student – computer ratio	**No File Uploaded**

4.3.3 - Bandwidth of internet connection in the Institution   `D. 10 - 5MBPS`

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	**No File Uploaded**

4.4 - Maintenance of Campus Infrastructure

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

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

283.59

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	**No File Uploaded**
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	**No File Uploaded**

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

The college ensures efficient allocation and utilization of financial resources through regular committee meetings for maintenance. Laboratory equipment calibration, repair, and maintenance are handled by technicians from related enterprises. For the library, book requirements are gathered from department heads,

approved by the Principal, and managed through a 'no dues' policy.
Book Magic software aids library operations, with other issues
addressed by a committee.

Sports activities are facilitated with well-equipped facilities,
leading to success in various competitions. The Department of
Physical Education manages sports equipment procurement and
maintenance. Computer and IT equipment purchases are decided by the
principal's office based on departmental recommendations, with
maintenance handled by skilled personnel who also oversee upgrades.

Classroom and building maintenance are overseen by caretakers under
administrative supervision, with housekeeping staff employed
regularly. On-campus plumbers, electricians, and carpenters handle
repairs through service request forms, while non-teaching staff
assist in reporting departmental issues.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://iesce.info/uploads/userfiles/4_4_2%20-%20SOP-R%20-%202023-24(1).pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

58

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

70

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to institutional website	https://iesce.info/uploads/userfiles/capacity%20building%20%20(1).pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

700

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

700

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

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

102

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

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

5

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

3

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

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

1

File Description	Documents
e-copies of award letters and certificates	[View File](#)
Any additional information	[View File](#)
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	[View File](#)

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

All the Departments have professional department associations. Head of the Departments ,Staff and students of the respective departments in consultation with the principal elect the office bearers . Various technical and non-technical events are organized under this associations. The students are members and volunteers of the events. They get funding from concerned agencies and partial fundings from the concerned agencies and partial fundings from the institutions and by student membership and sponsorship. The college has various academic and administrative bodies that have student representatives. This representations helps them in their overall development. These bodies create more avenues for students to develop technical skills, update knowledge ,develop their personality and motivate them to do social service. These are staff advisors to guide students in the smooth and efficient conduct of these activities. Following are the various committees and societies of the college.

Academic and Administrative Committees:

- **Ethics committee**

- **Women Empowerment cell**

- **Antinarcotic cell**

- **Hostel Committee**

- **SC/ST Cell**

- **Sports Committee**

- **National Service Scheme(NSS)**

- **Entrepreneurship and Development Cell (EDC)**

- **Cultural Committee**

- **Anti-ragging Cell**

- **Grievance Cell**

- **Students Welfare committee**

File Description	Documents
Paste link for additional information	https://iesce.info/uploads/userfiles/Merged%20file.pdf
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

50

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Introduction:

Since its inception in 2007, the IESCE Alumni Association has been a beacon of unity and progress, nurturing the bonds among graduates and perpetuating the spirit of excellence instilled by IESCE. The association has burgeoned into a formidable force, with three branches: IESCE AA serving as the main branch overseeing activities within the college, and IESCE UAE Alumni and IESCE Qatar Alumni extending its reach globally.

Conducting Alumni Meets:

The heartbeat of the association lies in its Alumni Meets, where past and present converge to celebrate shared memories and aspirations. These gatherings serve as forums for networking, mentorship, and knowledge exchange, perpetuating the legacy of IESCE beyond the confines of academia.

Details of the Activities in the Academic Year 2023- 2024

S/N

Activities

Details of Activity

Date

1

ALUMNI EXECUTIVE MEETING

  1. Constitution of Executive Committee.

16/10/2023

2

IES ALUMNI MEETING

  1. Contribution of IESCE Alumni - Global towards the medical
     emergency of Mr. Madhavan P V (Staff, IES Education City)

27/11/2023

3

Sponsorship

Sponsorship for Ms. Sreedevi, 2020 Batch, EEE

16/12/2023

4

Alumni Visit

1. Reunion of 2004-2008 Batch ECE students.

07/04/2024

5

Donation

Donation for Malkha Rouhi (Baby of Mr. Mohammed Rizal) who has SMA Type 1 disease.

07/05/2024

File Description	Documents
Paste link for additional information	https://iesce.info/uploads/userfiles/ALUMINI%206MB-NEW(1).pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

E. <1Lakhs

File Description	Documents
Upload any additional information	**No File Uploaded**

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

IES College of Engineering aspires to be a distinguished institution, cultivating adept engineering professionals with innovative prowess and an entrepreneurial mindset for national development. Our vision encompasses:

- Attaining recognition from regulatory bodies and ascending as a premier institution nationally.

- Furnishing students with comprehensive training in technology, communication, aptitude, and life skills to excel in their careers.

- Fostering innovation by instigating design and product development endeavors among students.

- Cultivating an entrepreneurial ethos by offering requisite mentoring, training, and guidance to establish startups.

The Governing Council acknowledges and leverages leadership contributions across the organization to bolster student success, academic excellence, integrity, and institutional enhancement. Through collaborative governance frameworks, stakeholders collaborate for the institution's welfare. Decentralized and participatory governance ensures active involvement of all stakeholders in decision-making, with authority cascading from the Governing Council to department heads and staff representatives.

Our strategic plan aligns closely with our vision and mission, crafted after extensive consultation with both internal and external stakeholders. Teachers play a pivotal role in decision-making bodies and committees, alongside their teaching duties, contributing to the smooth functioning of the college and mentoring students towards a bright future in engineering. IES College of Engineering is dedicated to realizing its vision and mission through meticulous

organization and administration.

File Description	Documents
Paste link for additional information	http://iesce.info/about-iesce
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Our institution pioneers innovative approaches in both administrative and academic realms, closely monitoring effectiveness through decentralized, participative management. Management ensures broad stakeholder participation in decision-making processes, granting substantial autonomy to the institution.

Administration is committed to delivering quality education, overseeing flawless operations in administrative, financial, and auditing domains. Faculty members foster a conducive environment, fostering positive relationships among students, faculty, and society, prioritizing professional ethics in education.

Departments, led by Heads of Departments and faculty, uphold academic excellence in alignment with the institution's vision and mission, each excelling in their respective responsibilities to ensure quality outcomes.

Non-teaching staff implement efficient routines to achieve operational and strategic objectives effectively. Together, these efforts synergize to uphold the institution's commitment to providing quality education and fulfilling its societal responsibilities.

File Description	Documents
Paste link for additional information	https://iesce.info/uploads/userfiles/IQAC%20 Members.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

A strategic plan, derived from a thorough assessment of an organization's strengths and weaknesses, delineates crucial objectives and actionable steps. It serves as a roadmap, articulating the significance of goals and guiding improvements in performance. Implementation of our strategic plan, endorsed by the Governing Council, has yielded notable achievements:

- Introduction of additional courses to enrich the curriculum.

- Adoption of student-centric teaching methodologies leveraging ICT tools.

- Encouragement of student participation in MOOC courses.

- Subscription to E-Journals from IEEE and ASME to enhance reference materials.

- Promotion of student engagement in product modeling alongside academic projects.

- Establishment of partnerships with various companies, facilitating training programs to boost students' employability.

- Effective implementation of the Mentor-Mentee system for student support and guidance. These initiatives underscore our commitment to enhancing the educational experience and fostering holistic skill development among students.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://iesce.info/uploads/userfiles/IQAC%20 minutes%20and%20ATR.pdf
Upload any additional information	View File

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

The Organisational Structure

Executive Committee/ Governing Body: The Executive committee of IES College of Engineering takes policy decisions regarding the academics and infrastructure developmental activities of the

college. Executive committee of the institution is elected by the lifetime members of parent institution Ideal Education City e.g. President, Sr.Vice President, Vice President, General Secretary, Secretary, Jt.Secretary, Treasurer and 8 directors. The Principal and an educationalist are also part of the executive committee. The Executive committee decides various policies and takes major decisions including the staffing, authentication of the services, and promotion of the employees.

Administrative Committee: The Principal leads the various activities of the college at the level of academic attainment. She has her team consisting of Head of the Departments, Placement Officer, Administrative Officer, System Administrator, Librarian etc. The principal is vested with the day to day activities for the smooth running of the college activities. The Academic Director acts as major advisory in the development of the Institution. Functions of various bodies: There are various committees working under the supervision of executive committee i.e. recruitment , Finance and accounting , Academic Audit , Building construction , Purchase , Grievance committee, etc.Supporting Bodies: The teaching staff, supporting staff, administrative staff eta takes part in the attainment of various operations.

File Description	Documents
Paste link for additional information	http://iesce.info/uploads/userfiles/6_2_2.pdf
Link to Organogram of the Institution webpage	http://iesce.info/college-ornanogram
Upload any additional information	No File Uploaded

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)Document	View File
Screen shots of user interfaces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

In our Institution Staff welfare is given foremost importance. Inconnection with this, Existing welfare measure for teaching and non-teaching staff are itemized below:

Health insurance for eligible staff. Medical Leave & Maternity leave for eligible staff members. Staff members are eligible for Earned Leave. Advances for festivals. Employee gets fees concession for their ward. Canteen facility has been established in the campus which are accessible by staff during the working and extended hours. Internet and free Wi-Fi facilities are also available in campus for staff. Faculty members are provided with Individual cabin to facilitate good ambience. Vacations for staff members. Faculty development programs(FDP) for faculties on regular basis. Skill development courses are organized for non- teaching staff to enhance their skills in the work environment. Automation of attendance and leave using a biometric system. All the faculty members who upgrade their research work through quality publications during the academic year are honored by management. Gratuity for the employees of the institution. All the staff members are treated on par with each other in obtaining benefits from the institution. Women Empowerment Cell is established for creating venues for women members to flourish and gain momentum.

File Description	Documents
Paste link for additional information	http://iesce.info/about-iesce
Upload any additional information	No File Uploaded

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

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

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<u>View File</u>

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

4

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	<u>View File</u>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<u>View File</u>

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

130

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Teaching and non-teaching faculty members of Higher Educational Institutions today have to perform a variety of tasks pertaining to diverse roles. In addition to instruction, Faculty members need to innovate and conduct research for their self-renewal, keep abreast with changes in technology, and develop expertise for effective implementation of curricula. They are also expected to provide services to the industry and community for understanding and contributing to the solution of real life problems in industry. Another role relates to the shouldering of administrative responsibilities and co-operation with other Faculty, Heads-of-Departments and the Head of Institute. An effective performance appraisal system for teaching and non- teaching faculty is vital for optimizing the contribution of individual staff to institutional performance.

The assessment is based on a well-defined system for faculty appraisal for all the assessment years and itsimplementation and effectiveness

File Description	Documents
Paste link for additional information	https://iesce.info/uploads/userfiles/Performance%20Appraisal%202023-2024.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institution conducts regular internal and external financial audits, crucial for its proper functioning. Internal audits, conducted by experienced personnel, are routine. An external audit, performed annually by a proficient financial auditing agency, ensures accountability. The administrative office oversees auditing activities, consolidating documents. Efficient utilization of financial resources is ensured through mechanisms like budget proposals by the Principal, based on department recommendations. The college budget covers recurring expenses such as salaries, utilities, and nonrecurring expenses like lab equipment and renovations. Expenses are monitored by the accounts department according to the allocated budget.

File Description	Documents
Paste link for additional information	https://iesce.info/uploads/userfiles/Balance%20sheet%202023-2024.pdf
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The IES College of Engineering is a self-financed institution, where the funds are generated through the fees paid by the students.

Additional funding is obtained from the faculty members through research proposals. The institute keeps effective mechanisms to monitor the efficient utilization of the various financial funds generated for the infrastructure development and academic operations. The accounts department of the institution monitors the recurring and non-recurring expenses every year and allocates the funds generated for various developments of the college operations. Institution adheres to the utilization of the budget approved for the academic development and administration. Once the budget is approved, the purchase committee initiates the process, the quotations are called and after proper negotiation, orders are placed. The release of the payments is done after the delivery of respective goods and services as per the terms and conditions mentioned in the order of purchase. The purchase of the suitable equipment is cross-checked by the respective faculty-in-charge. Procurement process is supervised by the purchase committee, principal and financial department at various levels. Expertise agency of chartered accountants conducts the external audit every year.

File Description	Documents
Paste link for additional information	http://iesce.info/uploads/userfiles/6_4_3.pdf
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The institution's active Internal Quality Assurance Cell (IQAC) oversees various activities to ensure proper functioning and quality output. It monitors syllabus coverage and offers two sets of internal exam question papers for faculty selection. Student feedback is collected, analyzed, and shared with relevant faculty for improvement. teaching modules are regularly delivered and monitored. Faculty Development Programs (FDPs) and seminars enhance teaching faculty's academic knowledge. Internal auditing of course and tutor files are conducted efficiently twice in a semester.

Value-added courses on NPTEL and Coursera are available for students. Faculty underwent the Captivating Learners program for effective teaching readiness. Bi-semester PTA meetings are organized. Faculties from all departments did paper publications in

renowned journals.

File Description	Documents
Paste link for additional information	https://iesce.info/uploads/userfiles/internal%20audit%20report%202023-2024.pdf
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The Institution has an active and bustling IQAC set up from 2017 onwards as per the guidelines given by NAAC. The IQAC reviews the teaching-learning process, structures, and methodologies of operations and learning outcomes by introducing several initiatives some of which are outlined below.

1. KTU Academic audit: IQAC conducts internal academic audits in all semesters and takes appropriate remedial actions to improve the quality of education. During the audit, course files, the University syllabus and lesson plan of the corresponding subjects are verified. CO-PO Mappings, CO attainments, and lecture notes of the corresponding subjects are also verified. To fulfill the content beyond the syllabus, IQAC persuades the Departments to conduct various workshops, Guest lectures, Industry visits etc. Lab stock verification has been carried out before the commencement of each academic year.

2. Conduct of Seminars/Quality improvement programs: IQAC has been at the forefront of organizing seminars. In addition to that, IQAC has organized hands on training programs so that the faculty at IES is now fully equipped to deal with the intricacies of this system. IQAC took the responsibility of giving enough training sessions and doubt clearing sessions for faculties in NBA accreditation process. Three departments Computer science and Engineering, Civil Engineering and Mechanical engineering got NBA accreditation. Students in all departments enrolled in value added courses. Various orientation programs, seminars and workshops are conducted for students by the departments in association with IEDC and IEEE.

File Description	Documents
Paste link for additional information	https://iesce.info/uploads/userfiles/internal%20audit%20report%202023-2024.pdf
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://iesce.info/uploads/userfiles/Annual%20Report%202023-24%20(1).pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	**No File Uploaded**
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The institute promotes gender equality through year-round events aimed at empowering women and girls to build a sustainable future.

Safety Measures: The campus ensures safety with a resident lady warden in the ladies' hostel and a separate warden for the boys' hostel. CCTV cameras are installed in key areas like classrooms, corridors, and common spaces. Committees such as the Women Empowerment Cell, Students Grievance Committee, and Antiragging Committee operate effectively under AICTE/KTU guidelines. A prayer

room is provided for Muslim girl students.

Counseling: A structured counseling system assigns 15-20 students to each faculty mentor, fostering strong relationships. Mentors address grievances related to gender issues, personal problems, academics, and campus facilities. The Students Welfare Committee further supports academic and personal development.

Facilities: The institute provides sick rooms exclusively for girls, ensuring their health and comfort.

These measures reflect the institute's commitment to a safe, inclusive, and supportive environment for all students.

File Description	Documents
Annual gender sensitization action plan	https://iesce.info/uploads/userfiles/7_1_1%20b.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://iesce.info/uploads/userfiles/7_1_1(1).pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures   Solar energy Biogas plant Wheeling to the Grid   Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

D. Any 1 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The institute follows a systematic waste management procedure to promote sustainability.

Solid Waste: Waste is segregated using color-coded bins: blue for biodegradable waste, yellow for plastic, and red for e-waste. Organic waste is processed in a biogas plant, producing cooking gas for the canteen. Dried leaves are composted into manure, while paper, glass, and plastic are handed over to external agencies for recycling. Sanitary napkin incinerators are installed for safe disposal.

Liquid Waste: Liquid waste, including sewage and effluents from the hostel and canteen, is treated in a sewage treatment plant (STP). The resulting sludge is reused as manure. Laboratory wastewater, free of hazardous chemicals, is monitored regularly by the maintenance team.

E-Waste: As the first authorized e-waste handling unit in Thrissur, the institute collaborates with PROGRESSIV-E Recycling & Trading for collection, segregation, and disposal. Reusable devices are refurbished and redistributed, while non-reusable items are dismantled and recycled according to Kerala PCB guidelines. A destruction/recycling certificate is issued every two years, recording the amount of e-waste managed.

These measures reflect the institute's dedication to sustainable waste management, aiming for an eco-friendly and zero-waste campus.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	**No File Uploaded**
Geo tagged photographs of the facilities	https://iesce.info/uploads/userfiles/7_1_3(1).pdf
Any other relevant information	**No File Uploaded**

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

B. Any 3 of the above

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

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

1. **Restricted entry of automobiles**
2. **Use of Bicycles/ Battery powered vehicles**
3. **Pedestrian Friendly pathways**
4. **Ban on use of Plastic**
5. **landscaping with trees and plants**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	No File Uploaded

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

E. None of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment

C. Any 2 of the above

with ramps/lifts for easy access to classrooms.
Disabled-friendly washrooms Signage
including tactile path, lights, display boards
and signposts Assistive technology and
facilities for persons with disabilities
(Divyangjan) accessible website, screen-
reading software, mechanized equipment   5.
Provision for enquiry and information :
Human assistance, reader, scribe, soft copies of
reading material, screen   reading

File Description	Documents
Geo tagged photographs / videos of the facilities	<u>View File</u>
Policy documents and information brochures on the support to be provided	**No File Uploaded**
Details of the Software procured for providing the assistance	**No File Uploaded**
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 socioeconomic and other diversities (within 200 words).

IESCE provides a fair, equitable, and supportive environment for students to reach their full potential. The campus fosters harmony and camaraderie among students from diverse socio-economic and cultural backgrounds. Faculty and administration actively encourage students to collaborate for societal welfare, promoting inclusivity and teamwork.

Festivals and Cultural Celebrations: The college celebrates festivals like Onam, Ramadan, Christmas, and Holi with enthusiasm, bringing together management, staff, and students to foster unity and cultural exchange.

National Day Celebrations: Republic Day (January 26), Kerala Piravi Day (November 1), and Independence Day (August 15) are observed annually with participation from students, staff, and guests. The program includes flag hoisting, the National Anthem, an oath of national integrity, and the distribution of sweets, reflecting patriotism and shared pride.

The collaborative efforts of students, teachers, and administration create a harmonious environment that nurtures personal and collective growth. This inclusive culture ensures the holistic development of every individual, fostering a strong sense of community and shared purpose.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)
Any other relevant information	No File Uploaded

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

The institution is committed to sensitizing students and employees about constitutional values, rights, duties, and responsibilities, fostering their growth as responsible citizens through various activities.

National Celebrations: Republic Day, Kerala Piravi Day, and Independence Day are celebrated with flag hoisting, the National Anthem, oaths of national integrity, and the distribution of sweets. Eminent speakers inspire students and staff by sharing the contributions of freedom fighters and emphasizing civic responsibilities. A special quiz on the Constitution and the Freedom Struggle is organized annually by the IES ICC & Ethics Committee.

Student Development: Student Council elections are conducted every year to encourage leadership. Elected representatives receive training and lead college programs with support from volunteers.

Social Initiatives: The NSS unit and departments organize blood donation camps, campus cleaning, canal cleaning, and awareness drives, promoting community service and social responsibility.

Health and Well-being: Workshops on stress management, positive thinking, yoga, and self-defense improve physical and mental health. Motivational sessions and training programs boost academic and

social skills.

Civic Engagement: The institution encourages participation in sports, NCC, and NSS at the national level to foster unity. Awareness campaigns and orientation programs further instill human values, ensuring students are prepared to contribute to society responsibly.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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   4. Annual awareness programmes on Code of Conduct are organized

C. Any 2 of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

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

March 8th –Women's Day Holi Onam Republic Day

New Year Christmas Teachers day Keral Piravi Day Gandhi Jayanthi

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	**No File Uploaded**
Geo tagged photographs of some of the events	<u>View File</u>
Any other relevant information	**No File Uploaded**

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

IES College of Engineering Best Practices Academic Year 2023-24

Practice I: 1. Title of the Practice:

1. Swayam NPTEL Student Chapter

SWAYAM is a programme initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. The objective of this effort is to take the best teaching learning resources to all, including the most disadvantaged. SWAYAM seeks to bridge the digital divide for students who have hitherto remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy.

2. IGS Student chapter

The IGS Student Chapter at the institution provides a platform for students to explore geotechnical engineering. It organizes workshops, seminars, and guest lectures to enhance technical knowledge and foster professional growth. The chapter bridges academia and industry through industrial visits and expert talks, encouraging research and student participation in national and international conferences. Activities include technical competitions, field visits to geotechnical sites, and the celebration of National Geotechnical Engineering Day. The chapter promotes teamwork, leadership, and innovation, preparing students for successful careers while nurturing a passion for lifelong learning and advancement in the field of geotechnical engineering.

File Description	Documents
Best practices in the Institutional web site	[View File](#)
Any other relevant information	**No File Uploaded**

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The Innovation and Entrepreneurship Development Cell (IES IEDC), established in 2016, is an initiative aimed at fostering innovation and entrepreneurship among students. It is part of the Kerala Startup Mission's efforts to guide students in transforming their ideas into reality. IEDC provides mentorship on financial and registration aspects of startups, with guest speakers from various sectors offering insights.

The IEDC program is structured around three key phases: Innovation, Technical Skills, and Entrepreneurship. In the Innovation Phase, students are introduced to innovation thinking, tools, and design thinking, helping them develop new perspectives on addressing social and community problems. The Technical Phase focuses on skill-building workshops, exploring new technologies, and fostering computational thinking, preparing students for the future of work. The Entrepreneurship Phase provides exposure to business concepts through workshops on Business Canvas Modeling, case studies, and real-world problem-solving in teams.

IEDC also organizes seminars, workshops, and interactive sessions with successful entrepreneurs, teaching business ethics and startup procedures. The cell runs idea competitions and provides opportunities for students to explore and develop their entrepreneurial skills. By promoting a "learning by doing" philosophy, IEDC nurtures the development of essential skills such as leadership, creativity,teamwork, while encouraging students to embracespirit of entrepreneurship.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Effective delivery of the curriculum starts with the preparation of the academic calendar.

- **Based on the KTU academic calendar, a college calendar is prepared at the beginning of each semester with a plan of conducting examinations, co-curricular and extracurricular activities of the college.**
- **A time table committee is formed with representatives from all departments and in this meeting ,they draw up detailed timetable which efficiently deploys the units of time for academic and co-curricular purposes like theory, practical, tutorial, life-skill, value education and add-on classes thereby ensuring a balance between the different types of engagement a student is expected to participate in. .**
- **Lesson plan is prepared with well-defined course outcomes, subject notes, learning materials .Classes are conducted as per the lesson plan. Course Committees and Class Committees are constituted which meet at least thrice in a semester.**
- **Course delivery as per lesson plan and completion of syllabus is monitored by HOD. Students' feedback is taken twice in the semester for teaching learning process**
- **Continuous assessment and progress of Lab work is done according to the manual for conducting lab experiments.**
- **Mentoring system is in place with around a maximum of 15 students assigned to one mentor facult**

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://iesce.info/academic-calendar

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Before the beginning of every academic year, KTU announces detailed academic calendar based on the guidelines of AICTE,

taking into account of the mandatory number of working). The plan for teaching learning process is organized by the college academic council at the beginning of every semester .Two series examinations per semester was conducted.After the publication of the results of all series examinations, subject wise, weak students are identified and appropriate remedial measures are initiated. Tutorials and assignments, presentation of seminars , projects and evaluation of designs / mini projects, are scheduled as per the academic calendar. Internal marks are finalized and published based on series test marks, assignment marks and attendance of the students, as per the guidelines from the university.Students securing minimum internal marks as prescribed by the university (KTU 2015 Scheme)are eligible for attending university examination. Ineligible students are required to attend summer course/ course repeat to acquire eligibility for attending university examination. Apart from securing minimum pass mark in the university examination students are also required to obtain activity points by participating in various co-curricular and extracurricular programmes as per the guide lines of university for completing their degree course.

File Description	Documents
Upload relevant supporting documents	[View File]()
Link for Additional information	https://iesce.info/academic-calendar

| **1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University** | C. Any 2 of the above |

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

5

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

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

6

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

13

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

13

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

EnvironmentandSustainability

The curriculum in KTU includes courses such as Design and Engineering, Sustainable Engineering and Sustainable Energy are some of the areas covered. IESCE arranges frequent awareness programmes using posters, models, PPT presentations, talks, and seminars to raise awareness and comprehension among the general public about the need of protecting our environment and promote an ecological equilibrium in the environment. NSS and other cells such as the Literary and Science Club arrange a variety of environment-related events such as Earth Day, World Environment Day, tree planting, flood relief, Clean India- Swachh Bharat

Campaign,andsoon.

ProfessionalEthicsandHumanValues

KTU has integrated courses like Life Skills, Professional Ethics, Constitution of India in the curriculum in order to promote Human Values and Professional Ethics among engineering graduates. These papers largely discuss the intricacies of Human Values and Ethics, as well as how to apply them in everyday social and professional situations. IESCE provides an induction programme for new entrants to help them adjust to their new surroundings, improve awareness, sensitivity, and understanding of themselves, others, society, and nature. Students can acquire and assimilate professional ethics through participating in extended programmes,

workshops, and attending guest lectures.

File Description	Documents
Any additional information	*View File*
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	*View File*

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

212

File Description	Documents
Any additional information	*View File*
Programme / Curriculum/ Syllabus of the courses	*View File*
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Number of courses that include experiential learning through project work/field work/internship (Data Template)	*View File*

1.3.3 - Number of students undertaking project work/field work/ internships

132

File Description	Documents
Any additional information	*View File*
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	*View File*

1.4 - Feedback System	
1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://iesce.info/FEEDBACK

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

414

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

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

supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

`140`

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The college has implemented a proven system to identify both slow and advanced learners, beginning the process before the program starts. Tutors play a key role in identifying student needs, with those facing major psychological issues referred to counselors. Remedial programs, held outside regular classes, aim to improve the performance of slow learners, supplemented by personality development sessions and peer learning initiatives. The goal is to boost confidence and competence, reducing dropout rates.

For advanced learners, participation in seminars, workshops, and technical exhibitions is encouraged, with recognition through social media and the college website. Special skills and interests are identified and supported, with students encouraged to enroll in online courses and industry-oriented programs. Entrepreneurial students are supported in starting their own ventures, while those with technical interests engage through initiatives like the IEEE Student Branch. These activities cater to diverse student needs, fostering academic success and personal growth.

File Description	Documents
Link for additional Information	https://iesce.info/uploads/userfiles/2_2%20REMEDIAL%20CLASS%20RECORDS%2023-24%20ECE.pdf
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
758	76

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

IES College of Engineering employs student-centric methods to foster self-reliance and motivation, utilizing experiential learning, participative techniques, and problem-solving approaches. Linways software and teaching aids like LCD projectors enhance accessibility and supplement classroom teaching. Students are encouraged to undertake MOOC courses like NPTEL and Coursera for deeper subject understanding.

Experiential learning, showcased in TECHFEST projects, includes laboratory sessions, internships, add-on courses, and project development. Participative practices like tech fests, industrial visits, and co-curricular activities build self-confidence and industry insight. Problem-solving methods such as practical sessions and quizzes further enhance learning.

Innovative tools like Google Classroom and participation in contests and value-added courses contribute to holistic development. Integration of ICT tools and e-resources facilitates a transition to student-centric learning. Through these initiatives, IES College of Engineering ensures a dynamic and effective learning environment, promoting lifelong learning skills among its students.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://iesce.info/CRITERIA%202

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Information and Communication Technology (ICT) in education is the mode of education that use information and communications technology to enhance the delivery of information. IES College of Engineering encourage teachers to use ICT enabled teaching tools like PPT Presentation, Recorded Online videos, NPTEL lectures, Moodle, Google classrooms etc.

ICT enabled activities of the Institution:

- NPTEL(Swayam) Student chapter

NPTEL was started during the year 2019 in IES College of Engineering. The objective of this effort is to take the best teaching learning resources to all students.

- Coursera

Coursera student chapter in IES College of Engineering was started during 2020 which helps to offer online courses, certifications, and degrees in a variety of subjects.

- Linways

It is an education technology expert primarily focused in the higher education domain for providing academic management solutions for our institution.

- Google ACE Program

Google Associate Cloud Engineer program is an online training program offered by Google to develop cloud-based skills among students.

- Digital Library

The Library provides access to e-journal packages like IEEE and ACE journals. Also have membership in National Digital Library.

- ICT tools in the Institution:

ICT enabled classes are provided in which faculty can use LCD projectors for visualizing and demonstrating various concepts.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	http://iesce.info/uploads/userfiles/ICT tools.pdf

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

75

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	[View File](#)
Circulars pertaining to assigning mentors to mentees	[View File](#)
mentor/mentee ratio	[View File](#)

2.4 - Teacher Profile and Quality

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

75

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	[View File](#)
Any additional information	**No File Uploaded**
List of the faculty members authenticated by the Head of HEI	[View File](#)

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

6

File Description	Documents
Any additional information	**No File Uploaded**
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

76

File Description	Documents
Any additional information	**No File Uploaded**
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The quality of question papers is ensured by a question paper scrutiny committee. Question papers for each subject are set to assess the attainment level of the course outcomes and it is ensured that the questions have Blooms' Taxonomy action verbs. The faculty should select levels (conceptual, analytical, etc.) of questions meeting COs so that the learning abilities of the whole class can be analyzed through the scores obtained against each question. Faculty members evaluate the answer scripts and publish marks within one week (Linways). The whole evaluation of answer scripts is solely based on the pre-planned scheme/ answer key. Students who have missed either the first or the second test can write the same with the consent of the faculty and the head of the department. Retest may be allowed to students, which shall be conducted soon after the completion of the second test, but before the end semester examination. After each series test, remedial classes of each course are conducted for slow learners,

for academic improvement.

File Description	Documents
Any additional information	[View File]()
Link for additional information	https://iesce.info/uploads/userfiles/2_5_1%20additional%20data%2023-24%20combined.pdf

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

After every internal examination the students get an opportunity to view their evaluated answer scripts and may get the anomalies rectified, if any, in discussion with the faculty handling the course. If the students have any grievances regarding answer sheet evaluation they can approach the class advisor. By the direction of the head of the department another faculty who is expert in that subject is appointed for revaluation.The marks scored by the students in tests are published regularly after evaluation to maintain transparency. Two tests and a minimum of 2 assignments are considered for internal assessment marks. The internal assessment marks are published by the departments at the end of the semester. Along with the published marks, students are informed to submit grievances, if any, to the HOD with supporting documents.HOD scrutinizes the cases and based on the merit, in consultation with the faculty concerned, recommends corrections, if any, to the original marks awarded to the student. These are conducted in a timely manner so as to submit the marks in the University portal according to the deadlines provided by the University.

File Description	Documents
Any additional information	**No File Uploaded**
Link for additional information	**Nil**

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

IES College of Engineering prioritizes clear communication and implementation of learning outcomes across all levels of education. Graduate Attributes drafted and accepted in the

Washington Accord are identified as Programme Outcomes of the Engineering Degree Course by the NBA and we follow the same. Apart from these POs, our College has clearly stated Programme Specific Outcomes and Course Outcomes.

Teachers regularly explain learning outcomes at the beginning of each class, and they are prominently displayed throughout the campus and on the college website for easy access. Hard copies are available in the college Library/ departments for ready reference to the teachers and students.

Additionally, there's a systematic mapping of COs to POs and PSOs, allowing for assessment of attainment levels at the end of each semester. This data informs discussions on measures to improve attainment, promoting continuous enhancement of teaching and learning processes. Overall, the college's comprehensive approach to communicating and implementing learning outcomes enhances transparency, accountability, and the quality of education provided.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://iesce.info/naac
Upload COs for all courses (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

IES has adopted Outcome Based Education which is a student-centered instruction model that focuses on measuring student performance through outcomes. Outcomes include knowledge, skills and attitudes. Program Outcomes, Program Specific Outcomes and Course Outcomes are evaluated to measure the knowledge, skills, and behavior of students for the continuous quality improvement of each Course and Programs as a whole using the below-mentioned procedure.

Direct attainment: Each course is evaluated based on direct and indirect assessment tools. Direct assessment tools include internal exams, assignments and university examinations

Indirect Method: Program exit survey, Alumni feedback, and Employer survey

POs and PSOs are calculated by using Direct and indirect tools. PO/PSO direct attainment calculations are based on the CO attainment of each course. Finally, overall direct attainment of each PO/PSO is taken as the average value of PO/PSO attainment of all the courses. PO/PSO indirect attainments calculated from program exit survey, alumni survey and employer survey. In order to calculate the overall attainment of each PO, a weightage of 80% has been given for DIRECT method and 20% for INDIRECT method.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	http://iesce.info/uploads/userfiles/Calculation%20of%20Learning%20outcome%2003-26-2022%2013_04_55.pdf

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

161

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	[View File](#)
Upload any additional information	[View File](#)
Paste link for the annual report	https://iesce.info/uploads/userfiles/Annual%20Report%202023-24%20(1).pdf

2.7 - Student Satisfaction Survey

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

https://iesce.info/uploads/userfiles/2_7%20Students%20Feedback%20Report%2023-24.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

15.25 Lakhs

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

2

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	**No File Uploaded**
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://msme.gov.in/

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

32

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

21

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

21

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The Institute has an Innovation and Entrepreneurship Development

Cell (IES IEDC) established in 2016. Innovation and

Entrepreneurship Development Centre (IEDC) is a flagship

initiative of Kerala Startup Mission to promote innovation and

entrepreneurship among the student and academic fraternity in the

educational institutions in the State of Kerala. It is a
student's

organization established in the institution devoted to promoting

the spirit of entrepreneurship among them. It also aims to
conduct

ED courses for students with the help of Kerala Startup Mission

,MSME & EDI, India. IES IEDC organizes seminars and various

workshops periodically.. The cell also organizes idea
competitions

and mentors them to transform their ideas into reality Officials

from different sectors are also invited as guest speakers for

sessions to provide guidance on financial and registration
aspects

of startups.

VISION:To inculcate an innovation culture among the students, to

create future entrepreneurs and position the institution, as a

learning, innovation and entrepreneurial hub.

MISSION:To establish an innovation platform by introducing the

State-of the-art technologies through promoting innovation and

entrepreneurship.

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

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

17

File Description	Documents
Any additional information	**No File Uploaded**
Number of awards for extension activities in last 5 year(Data Template)	[View File](#)
e-copy of the award letters	[View File](#)

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

66

File Description	Documents
Reports of the event organized	[View File](#)
Any additional information	[View File](#)
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	[View File](#)

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

66

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

121

File Description	Documents
e-copies of linkage related Document	**No File Uploaded**
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

5

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

IES College of Engineering, the flagship institution of IES Education City, is conceived and developed as a hi-tech technical training institution . Nestled in close proximity to Thrissur city and surrounded by the sylvan surroundings of the Vilangan Hills and lush green paddy fields.IES EDUCATION CITY is spread over more than 40 acres of verdant land at Chittilappilly. The College campus is located in a sprawling area of clean and green ambience and covers1,23,186.31 m 2 (30.44 Acre) with a built-in area of 32,809 m2 , which provides a well balanced and soul enriching campus environment.IES is proud of having an overall strength of around2000 students, a fleet of 50 buses and separate hostels for boys and girls with modern amenities.In addition, care and attention is given to provide modern classrooms, well equipped laboratories, modern well stacked libraries and seminar halls. Each department has a seminar hall with an addressing area, white board, LCD projector and internet connection. The laboratories are well equipped with multiple sets of apparatus. Latest configuration desktops and softwares are provided in computer labs. Availability of textbooks, reference books and journals in the library is ensured for the effective course delivery.

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

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

The institution gives due importance to extracurricular activities along with academic subjects for the all-round development of the students. students are trained in sports and games under the guidance of qualified and specialized coaches. We provide sports facilities like Basketball,Volleyball,Badminton Court,Table Tennis,Football Court,Cricket In Campus.Some of our students have won medals in University levelcompetitionsand students from our college were selected into the University team.Inter-department sports and games(Intra-murals) are conducted every year with great enthusiasm and participation.The Yoga space is provided inside the campus and the instructor's Suvardhan Guru.Thereisafullyfledgedbadm int on court, table tennis board, volleyball court and basketball court and spacious football court. Carrom,Chess., etc are conducted as part of sports and games. Cultural activities like Onam,Christmas are celebrated and various competitions are conducted as a part of the same. Painting competitions are conducted among the students and charity events are arranged incorporating students,teaching and non-teaching staff members.

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

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

19

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

19

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://iesce.info/uploads/userfiles/additional%20file1-%204_1_3%20(2).pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

283.59

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	**No File Uploaded**

4.2 - Library as a Learning Resource

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

IESCE Central Library has been functioning since 2003 and it is sprawling over a carpet area of 8008.4 square feet. Library developed an extensive collection of 20,000 books covering all disciplines of engineering, technology, and management. Library is automated by using library software Book Magic (version 5.0).The transactions are carried out using barcode technology. The books are classified according to the DDC Scheme of Library Classification. A digital library with more than 10 multimedia systems is available.

Accessibility to Students:

A campus wide access to various E-Resources through institute IP

address has been facilitated in accordance with the KTU Consortium.

Students can borrow books/ CD ROMS in the central library and users can also reserve the books which are on demand.

Special Services/ Facilities Offered:

• OPAC

• Access to e-resources

• Digital Library of KTU/Calicut question papers

• Membership with NDL

• Documents are fully bar-coded for fast and accurate transactions.

• The library has internet facility with LAN

• Back volumes of journals (bound volumes)

• Newspaper clippings services.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	https://iesce.info/uploads/userfiles/4_2_1%20ADDITIONAL%20FILE(1).pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	C. Any 2 of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

1.06009

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

560

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

IES College of Engineering has a reliable Internet facility accessible for the students and faculties. The internet provider is BSNL (Bharat Sanchar Nigam Limited) with an available bandwidth of 100 Mbps. The college is enabled with WiFi facility. Internet facility is enabled in the computer labs, classrooms,

department faculty rooms and laboratories of the college.

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

4.3.2 - Number of Computers

367

File Description	Documents
Upload any additional information	[View File](#)
Student – computer ratio	**No File Uploaded**

4.3.3 - Bandwidth of internet connection in the Institution	**D. 10 - 5MBPS**

File Description	Documents
Upload any additional Information	[View File](#)
Details of available bandwidth of internet connection in the Institution	**No File Uploaded**

4.4 - Maintenance of Campus Infrastructure

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

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

283.59

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	**No File Uploaded**
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	**No File Uploaded**

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

The college ensures efficient allocation and utilization of financial resources through regular committee meetings for maintenance. Laboratory equipment calibration, repair, and maintenance are handled by technicians from related enterprises. For the library, book requirements are gathered from department heads, approved by the Principal, and managed through a 'no dues' policy. Book Magic software aids library operations, with other issues addressed by a committee.

Sports activities are facilitated with well-equipped facilities, leading to success in various competitions. The Department of Physical Education manages sports equipment procurement and maintenance. Computer and IT equipment purchases are decided by the principal's office based on departmental recommendations, with maintenance handled by skilled personnel who also oversee upgrades.

Classroom and building maintenance are overseen by caretakers under administrative supervision, with housekeeping staff employed regularly. On-campus plumbers, electricians, and carpenters handle repairs through service request forms, while non-teaching staff assist in reporting departmental issues.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://iesce.info/uploads/userfiles/4_4_2 %20-%20SOP-R%20-%202023-24(1).pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

58

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

70

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	**A. All of the above**

File Description	Documents
Link to institutional website	https://iesce.info/uploads/userfiles/capacity%20building%20%20(1).pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

700

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

700

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

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	**No File Uploaded**
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

102

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

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

5

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State

government examinations) during the year

3

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

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

1

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

All the Departments have professional department associations. Head of the Departments ,Staff and students of the respective departments in consultation with the principal elect the office bearers . Various technical and non-technical events are organized under this associations. The students are members and volunteers of the events. They get funding from concerned agencies and partial fundings from the concerned agencies and partial fundings from the institutions and by student membership and sponsorship. The college has various academic and administrative bodies that have student representatives. This

representations helps them in their overall development. These bodies create more avenues for students to develop technical skills, update knowledge ,develop their personality and motivate them to do social service. These are staff advisors to guide students in the smooth and efficient conduct of these activities. Following are the various committees and societies of the college.

Academic and Administrative Committees:

- Ethics committee

- Women Empowerment cell

- Antinarcotic cell

- Hostel Committee

- SC/ST Cell

- Sports Committee

- National Service Scheme(NSS)

- Entrepreneurship and Development Cell (EDC)

- Cultural Committee

- Anti-ragging Cell

- Grievance Cell

- Students Welfare committee

File Description	Documents
Paste link for additional information	https://iesce.info/uploads/userfiles/Merged%20file.pdf
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the

Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

50

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Introduction:

Since its inception in 2007, the IESCE Alumni Association has been a beacon of unity and progress, nurturing the bonds among graduates and perpetuating the spirit of excellence instilled by IESCE. The association has burgeoned into a formidable force, with three branches: IESCE AA serving as the main branch overseeing activities within the college, and IESCE UAE Alumni and IESCE Qatar Alumni extending its reach globally.

Conducting Alumni Meets:

The heartbeat of the association lies in its Alumni Meets, where past and present converge to celebrate shared memories and aspirations. These gatherings serve as forums for networking, mentorship, and knowledge exchange, perpetuating the legacy of IESCE beyond the confines of academia.

Details of the Activities in the Academic Year 2023- 2024

S/N

Activities

Details of Activity

Date

1

ALUMNI EXECUTIVE MEETING

   1. Constitution of Executive Committee.

16/10/2023

2

IES ALUMNI MEETING

   1. Contribution of IESCE Alumni - Global towards the medical emergency of Mr. Madhavan P V (Staff, IES Education City)

27/11/2023

3

Sponsorship

Sponsorship for Ms. Sreedevi, 2020 Batch, EEE

16/12/2023

4

Alumni Visit

   1. Reunion of 2004-2008 Batch ECE students.

07/04/2024

5

Donation

Donation for Malkha Rouhi (Baby of Mr. Mohammed Rizal) who has SMA Type 1 disease.

`07/05/2024`

File Description	Documents
Paste link for additional information	https://iesce.info/uploads/userfiles/ALUMINI%206MB-NEW(1).pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) | `E. <1Lakhs` |

File Description	Documents
Upload any additional information	**No File Uploaded**

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

IES College of Engineering aspires to be a distinguished institution, cultivating adept engineering professionals with innovative prowess and an entrepreneurial mindset for national development. Our vision encompasses:

- Attaining recognition from regulatory bodies and ascending as a premier institution nationally.

- Furnishing students with comprehensive training in technology, communication, aptitude, and life skills to excel in their careers.

- Fostering innovation by instigating design and product development endeavors among students.

- Cultivating an entrepreneurial ethos by offering requisite mentoring, training, and guidance to establish startups.

The Governing Council acknowledges and leverages leadership contributions across the organization to bolster student success, academic excellence, integrity, and institutional enhancement. Through collaborative governance frameworks, stakeholders collaborate for the institution's welfare. Decentralized and participatory governance ensures active involvement of all stakeholders in decision-making, with authority cascading from the Governing Council to department heads and staff representatives.

Our strategic plan aligns closely with our vision and mission, crafted after extensive consultation with both internal and external stakeholders. Teachers play a pivotal role in decision-making bodies and committees, alongside their teaching duties, contributing to the smooth functioning of the college and mentoring students towards a bright future in engineering. IES College of Engineering is dedicated to realizing its vision and mission through meticulous organization and administration.

File Description	Documents
Paste link for additional information	http://iesce.info/about-iesce
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Our institution pioneers innovative approaches in both administrative and academic realms, closely monitoring effectiveness through decentralized, participative management. Management ensures broad stakeholder participation in decision-making processes, granting substantial autonomy to the institution.

Administration is committed to delivering quality education, overseeing flawless operations in administrative, financial, and auditing domains. Faculty members foster a conducive environment, fostering positive relationships among students, faculty, and society, prioritizing professional ethics in education.

Departments, led by Heads of Departments and faculty, uphold academic excellence in alignment with the institution's vision and mission, each excelling in their respective responsibilities

to ensure quality outcomes.

Non-teaching staff implement efficient routines to achieve operational and strategic objectives effectively. Together, these efforts synergize to uphold the institution's commitment to providing quality education and fulfilling its societal responsibilities.

File Description	Documents
Paste link for additional information	https://iesce.info/uploads/userfiles/IQAC%20Members.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

A strategic plan, derived from a thorough assessment of an organization's strengths and weaknesses, delineates crucial objectives and actionable steps. It serves as a roadmap, articulating the significance of goals and guiding improvements in performance. Implementation of our strategic plan, endorsed by the Governing Council, has yielded notable achievements:

- Introduction of additional courses to enrich the curriculum.

- Adoption of student-centric teaching methodologies leveraging ICT tools.

- Encouragement of student participation in MOOC courses.

- Subscription to E-Journals from IEEE and ASME to enhance reference materials.

- Promotion of student engagement in product modeling alongside academic projects.

- Establishment of partnerships with various companies, facilitating training programs to boost students' employability.

- Effective implementation of the Mentor-Mentee system for student support and guidance. These initiatives underscore our commitment to enhancing the educational experience and fostering holistic skill development among students.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://iesce.info/uploads/userfiles/IQAC%20minutes%20and%20ATR.pdf
Upload any additional information	View File

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

The Organisational Structure

Executive Committee/ Governing Body: The Executive committee of IES College of Engineering takes policy decisions regarding the academics and infrastructure developmental activities of the college. Executive committee of the institution is elected by the lifetime members of parent institution Ideal Education City e.g. President, Sr.Vice President, Vice President, General Secretary, Secretary, Jt.Secretary, Treasurer and 8 directors. The Principal and an educationalist are also part of the executive committee. The Executive committee decides various policies and takes major decisions including the staffing, authentication of the services, and promotion of the employees.

Administrative Committee: The Principal leads the various activities of the college at the level of academic attainment. She has her team consisting of Head of the Departments, Placement Officer, Administrative Officer, System Administrator, Librarian etc. The principal is vested with the day to day activities for the smooth running of the college activities. The Academic Director acts as major advisory in the development of the Institution. Functions of various bodies: There are various committees working under the supervision of executive committee i.e. recruitment , Finance and accounting , Academic Audit , Building construction , Purchase , Grievance committee, etc.Supporting Bodies: The teaching staff, supporting staff, administrative staff eta takes part in the attainment of various operations.

File Description	Documents
Paste link for additional information	http://iesce.info/uploads/userfiles/6_2_2.pdf
Link to Organogram of the Institution webpage	http://iesce.info/college-ornanogram
Upload any additional information	No File Uploaded

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)Document	View File
Screen shots of user interfaces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

In our Institution Staff welfare is given foremost importance. Inconnection with this, Existing welfare measure for teaching and non-teaching staff are itemized below:

Health insurance for eligible staff. Medical Leave & Maternity leave for eligible staff members. Staff members are eligible for Earned Leave. Advances for festivals. Employee gets fees concession for their ward. Canteen facility has been established in the campus which are accessible by staff during the working and extended hours. Internet and free Wi-Fi facilities are also available in campus for staff. Faculty members are provided with Individual cabin to facilitate good ambience. Vacations for staff members. Faculty development programs(FDP) for faculties on regular basis. Skill development courses are organized for non-teaching staff to enhance their skills in the work environment.

Automation of attendance and leave using a biometric system. All the faculty members who upgrade their research work through quality publications during the academic year are honored by management. Gratuity for the employees of the institution. All the staff members are treated on par with each other in obtaining benefits from the institution. Women Empowerment Cell is established for creating venues for women members to flourish and gain momentum.

File Description	Documents
Paste link for additional information	http://iesce.info/about-iesce
Upload any additional information	No File Uploaded

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

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

0

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

4

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

130

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Teaching and non-teaching faculty members of Higher Educational Institutions today have to perform a variety of tasks pertaining to diverse roles. In addition to instruction, Faculty members need to innovate and conduct research for their self-renewal,

keep abreast with changes in technology, and develop expertise for effective implementation of curricula. They are also expected to provide services to the industry and community for understanding and contributing to the solution of real life problems in industry. Another role relates to the shouldering of administrative responsibilities and co-operation with other Faculty, Heads-of-Departments and the Head of Institute. An effective performance appraisal system for teaching and non-teaching faculty is vital for optimizing the contribution of individual staff to institutional performance.

The assessment is based on a well-defined system for faculty appraisal for all the assessment years and itsimplementation and effectiveness

File Description	Documents
Paste link for additional information	https://iesce.info/uploads/userfiles/Performance%20Appraisal%202023-2024.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institution conducts regular internal and external financial audits, crucial for its proper functioning. Internal audits, conducted by experienced personnel, are routine. An external audit, performed annually by a proficient financial auditing agency, ensures accountability. The administrative office oversees auditing activities, consolidating documents. Efficient utilization of financial resources is ensured through mechanisms like budget proposals by the Principal, based on department recommendations. The college budget covers recurring expenses such as salaries, utilities, and nonrecurring expenses like lab equipment and renovations. Expenses are monitored by the accounts department according to the allocated budget.

File Description	Documents
Paste link for additional information	https://iesce.info/uploads/userfiles/Balance%20sheet%202023-2024.pdf
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The IES College of Engineering is a self-financed institution, where the funds are generated through the fees paid by the students. Additional funding is obtained from the faculty members through research proposals. The institute keeps effective mechanisms to monitor the efficient utilization of the various financial funds generated for the infrastructure development and academic operations. The accounts department of the institution monitors the recurring and non-recurring expenses every year and allocates the funds generated for various developments of the college operations. Institution adheres to the utilization of the budget approved for the academic development and administration. Once the budget is approved, the purchase committee initiates the process, the quotations are called and after proper negotiation, orders are placed. The release of the payments is done after the delivery of respective goods and services as per the terms and conditions mentioned in the order of purchase. The purchase of the suitable equipment is cross-checked by the respective faculty-in-charge. Procurement process is supervised by the purchase

committee, principal and financial department at various levels. Expertise agency of chartered accountants conducts the external audit every year.

File Description	Documents
Paste link for additional information	http://iesce.info/uploads/userfiles/6_4_3.pdf
Upload any additional information	**No File Uploaded**

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The institution's active Internal Quality Assurance Cell (IQAC) oversees various activities to ensure proper functioning and quality output. It monitors syllabus coverage and offers two sets of internal exam question papers for faculty selection. Student feedback is collected, analyzed, and shared with relevant faculty for improvement. teaching modules are regularly delivered and monitored. Faculty Development Programs (FDPs) and seminars enhance teaching faculty's academic knowledge. Internal auditing of course and tutor files are conducted efficiently twice in a semester.

Value-added courses on NPTEL and Coursera are available for students. Faculty underwent the Captivating Learners program for effective teaching readiness. Bi-semester PTA meetings are organized. Faculties from all departments did paper publications in renowned journals.

File Description	Documents
Paste link for additional information	https://iesce.info/uploads/userfiles/internal%20audit%20report%202023-2024.pdf
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The Institution has an active and bustling IQAC set up from 2017

onwards as per the guidelines given by NAAC. The IQAC reviews the teaching-learning process, structures, and methodologies of operations and learning outcomes by introducing several initiatives some of which are outlined below.

1. KTU Academic audit: IQAC conducts internal academic audits in all semesters and takes appropriate remedial actions to improve the quality of education. During the audit, course files, the University syllabus and lesson plan of the corresponding subjects are verified. CO-PO Mappings, CO attainments, and lecture notes of the corresponding subjects are also verified. To fulfill the content beyond the syllabus, IQAC persuades the Departments to conduct various workshops, Guest lectures, Industry visits etc. Lab stock verification has been carried out before the commencement of each academic year.

2. Conduct of Seminars/Quality improvement programs: IQAC has been at the forefront of organizing seminars. In addition to that, IQAC has organized hands on training programs so that the faculty at IES is now fully equipped to deal with the intricacies of this system. IQAC took the responsibility of giving enough training sessions and doubt clearing sessions for faculties in NBA accreditation process. Three departments Computer science and Engineering, Civil Engineering and Mechanical engineering got NBA accreditation. Students in all departments enrolled in value added courses. Various orientation programs, seminars and workshops are conducted for students by the departments in association with IEDC and IEEE.

File Description	Documents
Paste link for additional information	https://iesce.info/uploads/userfiles/internal%20audit%20report%202023-2024.pdf
Upload any additional information	View File

| **6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification,** | B. Any 3 of the above |

NBA)

File Description	Documents
Paste web link of Annual reports of Institution	https://iesce.info/uploads/userfiles/Annual%20Report%202023-24%20(1).pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	**No File Uploaded**
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The institute promotes gender equality through year-round events aimed at empowering women and girls to build a sustainable future.

Safety Measures: The campus ensures safety with a resident lady warden in the ladies' hostel and a separate warden for the boys' hostel. CCTV cameras are installed in key areas like classrooms, corridors, and common spaces. Committees such as the Women Empowerment Cell, Students Grievance Committee, and Antiragging Committee operate effectively under AICTE/KTU guidelines. A prayer room is provided for Muslim girl students.

Counseling: A structured counseling system assigns 15-20 students to each faculty mentor, fostering strong relationships. Mentors address grievances related to gender issues, personal problems, academics, and campus facilities. The Students Welfare Committee further supports academic and personal development.

Facilities: The institute provides sick rooms exclusively for girls, ensuring their health and comfort.

These measures reflect the institute's commitment to a safe, inclusive, and supportive environment for all students.

File Description	Documents
Annual gender sensitization action plan	https://iesce.info/uploads/userfiles/7_1_1%20b.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://iesce.info/uploads/userfiles/7_1_1(1).pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	**D. Any 1 of the above**

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	**No File Uploaded**

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The institute follows a systematic waste management procedure to promote sustainability.

Solid Waste: Waste is segregated using color-coded bins: blue for biodegradable waste, yellow for plastic, and red for e-waste. Organic waste is processed in a biogas plant, producing cooking gas for the canteen. Dried leaves are composted into manure, while paper, glass, and plastic are handed over to external agencies for recycling. Sanitary napkin incinerators are installed for safe disposal.

Liquid Waste: Liquid waste, including sewage and effluents from the hostel and canteen, is treated in a sewage treatment plant (STP). The resulting sludge is reused as manure. Laboratory wastewater, free of hazardous chemicals, is monitored regularly by the maintenance team.

E-Waste: As the first authorized e-waste handling unit in Thrissur, the institute collaborates with PROGRESSIV-E Recycling & Trading for collection, segregation, and disposal. Reusable devices are refurbished and redistributed, while non-reusable items are dismantled and recycled according to Kerala PCB guidelines. A destruction/recycling certificate is issued every two years, recording the amount of e-waste managed.

These measures reflect the institute's dedication to sustainable waste management, aiming for an eco-friendly and zero-waste campus.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	**No File Uploaded**
Geo tagged photographs of the facilities	https://iesce.info/uploads/userfiles/7_1_3 (1).pdf
Any other relevant information	**No File Uploaded**

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	**B. Any 3 of the above**

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

7.1.5 - Green campus initiatives include

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

5.landscaping with trees and plants

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	No File Uploaded

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	**E. None of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	**C. Any 2 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
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 socioeconomic and other diversities (within 200 words).

IESCE provides a fair, equitable, and supportive environment for students to reach their full potential. The campus fosters harmony and camaraderie among students from diverse socio-economic and cultural backgrounds. Faculty and administration actively encourage students to collaborate for societal welfare, promoting inclusivity and teamwork.

Festivals and Cultural Celebrations: The college celebrates festivals like Onam, Ramadan, Christmas, and Holi with enthusiasm, bringing together management, staff, and students to foster unity and cultural exchange.

National Day Celebrations: Republic Day (January 26), Kerala Piravi Day (November 1), and Independence Day (August 15) are observed annually with participation from students, staff, and guests. The program includes flag hoisting, the National Anthem, an oath of national integrity, and the distribution of sweets, reflecting patriotism and shared pride.

The collaborative efforts of students, teachers, and administration create a harmonious environment that nurtures personal and collective growth. This inclusive culture ensures the holistic development of every individual, fostering a strong sense of community and shared purpose.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)
Any other relevant information	**No File Uploaded**

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

The institution is committed to sensitizing students and employees about constitutional values, rights, duties, and responsibilities, fostering their growth as responsible citizens through various activities.

National Celebrations: Republic Day, Kerala Piravi Day, and Independence Day are celebrated with flag hoisting, the National Anthem, oaths of national integrity, and the distribution of sweets. Eminent speakers inspire students and staff by sharing the contributions of freedom fighters and emphasizing civic responsibilities. A special quiz on the Constitution and the Freedom Struggle is organized annually by the IES ICC & Ethics Committee.

Student Development: Student Council elections are conducted every year to encourage leadership. Elected representatives receive training and lead college programs with support from volunteers.

Social Initiatives: The NSS unit and departments organize blood donation camps, campus cleaning, canal cleaning, and awareness drives, promoting community service and social responsibility.

Health and Well-being: Workshops on stress management, positive thinking, yoga, and self-defense improve physical and mental health. Motivational sessions and training programs boost academic and social skills.

Civic Engagement: The institution encourages participation in sports, NCC, and NSS at the national level to foster unity. Awareness campaigns and orientation programs further instill human values, ensuring students are prepared to contribute to society responsibly.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	**No File Uploaded**

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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 4. Annual awareness programmes on Code of Conduct are organized	**C. Any 2 of the above**

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	**No File Uploaded**

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

March 8th –Women's Day Holi Onam Republic Day

New Year Christmas Teachers day Keral Piravi Day Gandhi Jayanthi

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	**No File Uploaded**
Geo tagged photographs of some of the events	View File
Any other relevant information	**No File Uploaded**

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

IES College of Engineering Best Practices Academic Year 2023-24

Practice I: 1. Title of the Practice:

1. Swayam NPTEL Student Chapter

SWAYAM is a programme initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. The objective of this effort is to take the best teaching learning resources to all, including the most disadvantaged. SWAYAM seeks to bridge the digital divide for students who have hitherto remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy.

2. IGS Student chapter

The IGS Student Chapter at the institution provides a platform for students to explore geotechnical engineering. It organizes workshops, seminars, and guest lectures to enhance technical knowledge and foster professional growth. The chapter bridges academia and industry through industrial visits and expert talks, encouraging research and student participation in national and international conferences. Activities include technical competitions, field visits to geotechnical sites, and the celebration of National Geotechnical Engineering Day. The chapter promotes teamwork, leadership, and innovation, preparing students for successful careers while nurturing a passion for lifelong learning and advancement in the field of geotechnical engineering.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	**No File Uploaded**

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The Innovation and Entrepreneurship Development Cell (IES IEDC), established in 2016, is an initiative aimed at fostering innovation and entrepreneurship among students. It is part of the Kerala Startup Mission's efforts to guide students in transforming their ideas into reality. IEDC provides mentorship on financial and registration aspects of startups, with guest speakers from various sectors offering insights.

The IEDC program is structured around three key phases: Innovation, Technical Skills, and Entrepreneurship. In the Innovation Phase, students are introduced to innovation thinking, tools, and design thinking, helping them develop new perspectives on addressing social and community problems. The Technical Phase focuses on skill-building workshops, exploring new technologies, and fostering computational thinking, preparing students for the future of work. The Entrepreneurship Phase provides exposure to business concepts through workshops on Business Canvas Modeling, case studies, and real-world problem-solving in teams.

IEDC also organizes seminars, workshops, and interactive sessions with successful entrepreneurs, teaching business ethics and startup procedures. The cell runs idea competitions and provides opportunities for students to explore and develop their entrepreneurial skills. By promoting a "learning by doing" philosophy, IEDC nurtures the development of essential skills such as leadership, creativity,teamwork, while encouraging students to embracespirit of entrepreneurship.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	**No File Uploaded**

7.3.2 - Plan of action for the next academic year

1. Students are advised to develop product development as a part of their final year project. 2. Faculties are requested to increase the number of SCI, Scopus,UGC Publications. 3. Senior faculties are advised to increase the number of patents. 4. Students will be encouraged to develop more ideas from the basic (small prototype) to develop a startup.

5. Planned to Increase the level of placement ie now almost 80% students are getting placed but with less LPA, So from next year many placement trainings, mock interviews will be conduct inorder to make the students place with higer LPA.