YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution　　　　　　　　JAYA ENGINEERING COLLEGE

- Name of the Head of the institution　　Dr.G.Sankaranarayanan

- Designation　　Principal

- Does the institution function from its own campus?　　Yes

- Phone no./Alternate phone no.　　04426300982

- Mobile no　　9444366717

- Registered e-mail　　info@jec.ac.in

- Alternate e-mail　　principal@jec.ac.in

- Address　　CTH Road, Prakash Naga, Thiruninravur

- City/Town　　Chennai

- State/UT　　Tamil Nadu

- Pin Code　　602024

2.Institutional status

- Affiliated /Constituent　　Affiliated

- Type of Institution　　Co-education

- Location　　Rural

- Financial Status   **Self-financing**

- Name of the Affiliating University   **Anna University**

- Name of the IQAC Coordinator   **Mr.T. SUNDARESAN**

- Phone No.   **9842459339**

- Alternate phone No.   **7305869760**

- Mobile   **9551329915**

- IQAC e-mail address   **iqac@jec.ac.in**

- Alternate Email address   **vp@jec.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year)   https://jec.ac.in/naac-jec

4.Whether Academic Calendar prepared during the year?   **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://jec.ac.in/?s=Academic+calendar

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B+**	**2.70**	**2022**	**14/06/2022**	**13/06/2027**

6.Date of Establishment of IQAC   **29/09/2021**

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
NIL	**Nil**	**Nil**	**Nil**	**Nil**

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   3

- 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   No File Uploaded

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. Strengthening the mechanism for addressing the needs of slow and advanced learners 2. Introduction of audit for documentation of the staff council committees and societies 3. Facilitating the collection of feedback and redressal of grievances 4. Preparation for the implementation of New Education Policy 2020 5. Enhancing teaching-learning environment

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
Faculty Training	Many FDPs and webinar were attended by faculty members.
Research and Development	152 Research papers have been published
Quality initiatives - Accreditation	Awareness sessions were given by the NBA Coordinator to all the Faculty members on NBA Accreditation and Outcome based Education System
Library Upgradations	NDL (Enrolment for National Digital Library (2022) J-Gate(2022)
Feedback from all parameters	All Feedbacks were collected as per the schedule. The suggestions given in the feedback were discussed in the IQAC meeting
IQAC Audit	Audit was held as scheduled
TARGET for Institutional Academic Results	Received 2nd University Ranks by the student passed out in 2022-23.Discussed about the achievements of Academic Results in HODs meetings

13.Whether the AQAR was placed before statutory body?
Yes

- Name of the statutory body

Name	Date of meeting(s)
GOVERNING COUNCIL	15/09/2023

14.Whether institutional data submitted to AISHE

Part A	
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• Designation	Principal
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• Address	CTH Road, Prakash Naga, Thiruninravur
• City/Town	Chennai
• State/UT	Tamil Nadu
• Pin Code	602024
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• Location	Rural
• Financial Status	Self-financing
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• Phone No.	9842459339

• Alternate phone No.	**7305869760**	
• Mobile	**9551329915**	
• IQAC e-mail address	**iqac@jec.ac.in**	
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- Name of the statutory body

Name	Date of meeting(s)
GOVERNING COUNCIL	15/09/2023

14.Whether institutional data submitted to AISHE

Year	Date of Submission
Nil	Nil

15.Multidisciplinary / interdisciplinary

The college offers various programmes. There is abundant scope for implementing a multidisciplinary approach to education as envisaged in the NEP2020. The college has adequate infrastructure and qualified faculty to implement an interdisciplinary approach to education. The institution is well equipped of integrating the study of various academic disciplines suited to their life-long interests. The institution has adequate facilities for the students to prepare for graduate and professional study, for careers in new and upcoming fields, with high proficiency levels and confidence. Since we are an affiliated college, there will have to be a revision of the curriculum by the Anna University to allow this new approach to be implemented in the college.

16.Academic bank of credits (ABC):

The Parent University has not implemented the Academic Bank of Credits regulation to the affiliated colleges. However, once the parent university adopts the same, the college is ready and remains committed to implementing the Academic Bank of Credits under the new NEP 2020.Planning is in progress and implimented, Digital Course materials, Video Lectures by Faculty, Group discussions, Demonstration, Hands on Workshop, Case Studies, Mini Projects, Field visit, Seminar, Quiz, Role Play, Students Question Framing, Models and Charts

17.Skill development:

In view of the fast-changing technological developments, the various departments of the college set to the students of the college which can be in accord with skills precise at different levels. Already various skills-oriented certificate courses are being offered in the college and all these courses are being conducted by the departments to empower students with employable skills. Internship / field work and project work for UG and PG are mandatory. The institution has numerous functional MOU's with various companies, and organizations to develop the skills to fill the gaps between the industry and academic world. The institution promotes the student and the faculty to learn a new skill set in an increasingly accessible through digital technologies.

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

The preservation of India's cultural wealth must be considered a high priority for the country. The faculties are fully equipped

to collaborate, design, and implement curricula that integrate the Indian knowledge system in their respective streams. The faculties are also qualified to design and deliver content for such courses in an online mode. The
promotion of Indian arts and culture is seen as very important and it could be effectively imparted through integrating Indian culture into the main curriculum, which would not only develop a strong sense of identity and aesthetic outlook but also enhance creative and cognitive skills among the students.

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

At present all programmes offered by the college follow their respective POs, PSOs, and COs for curricula transactions. These are discussed by the faculty in the class and they are also available on the college website. The attainment of outcomes is measured from the performance of students in the internal assessments and final term exams. Examination system was reviewed and modified to measure the outcome learned by students under Choice Based Credit System (CBCS).

20.Distance education/online education:

During the Covid pandemic, the online education is becoming an essential learning mode online classes were conducted very effectively by all faculties in all programs. Both teachers and learners have skilled the online teaching and evaluation process through different software. So, our institution is well prepared in this regard. Our college proposes SWAYAM and MOOC portals in future so that the Students can earn additional credits through the successful completion of the courses.

Extended Profile

1.Programme

1.1   **758**

Number of courses offered by the institution across all programs
during the year

File Description	Documents
Data Template	[View File](#)

2.Student

2.1   **1440**

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2   **480**

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

File Description	Documents
Data Template	View File

2.3   **230**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1   **161**

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2   **161**

Number of sanctioned posts during the year

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**758**

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

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2.1 Number of students during the year	**1440**

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

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

2.3 Number of outgoing/ final year students during the year	**230**

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

3.Academic

3.1 Number of full time teachers during the year	**161**

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

3.2 Number of sanctioned posts during the year	**161**

File Description	Documents
Data Template	**View File**

4.Institution	
4.1 Total number of Classrooms and Seminar halls	**72**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**247.739677**
4.3 Total number of computers on campus for academic purposes	**917**

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

Based on the Academic curriculum and Calendar from Anna University, The Academic Committee headed by the Principal plans the Institution's academic schedule which includes the details of number of working days, conducting of periodic tests, end semester examinations, evaluation plans, co-curricular / extracurricular activities and the same is conveyed to all faculty members through HODs.

The courses are allocated based on the preference and experience of the faculty members. Head of the Department assigns the work load comprising both Theory and lab schedule for each faculty member.

The Faculty members prepare their own course plan and course material for the allocated courses which includes the Syllabus, Lesson plan, Time table, Course Objectives. Course delivery plan is done in quantum schedule based on the number of working days

in the academic schedule.

A class committee meeting is conducted twice in a semester and is headed by the Head of the department in the presence of the subject handling faculty of particular class where the Student representative voices their needs and share their feedback and course of actions on the same are initiated.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://jec.ac.in/academic-calendar-2/

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

The academic calendar prescribed by the university is followed with respect of theory and practical classes which contains re-opening date, last working day, Internal Assessment period, commencement of practical and end Semester Examinations.

Assessment Schedule is posted by Anna University mentioning the last date for registration of electives, conduct of first, and second and third assessment exams. The circular comes with information about report period, test period and web portal entry period.

After obtaining the calendar from the Anna University, academic coordinator in conjunction with the IQAC coordinator and the exam cell coordinator prepares the academic schedule which contains assessment examination dates, Holidays, co-curricular activities.

Regarding the Internal assessment examination, the students are internally assessed in three different parts based on the final pattern of the university question Part A- 2 marks, Part B- 13 marks and Part C- 15 marks.

Retest will be conducted for the students those who have failed to obtain 65% marks in each subjects. Based on the assessment examination performances, slow learners will be identified and special revision classes will be arranged before the start of end semester examinations to enhance the performance and hope in the end semester examinations.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://jec.ac.in/exam-cell-2/

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

A. All 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	[View File](#)

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

16

File Description	Documents
Any additional information	**No File Uploaded**
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)

45

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

1164

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

Gender:

Being a co-education institution, both genders are given equal opportunities in curricular, co-curricular and extracurricular activities. Responsibilities are assigned to the students irrespective of the gender and this will help the students to show mutual respect with opposite gender.

Jaya Engineering College has constituted a 'Women's Grievance Cell' as per the orders of the Supreme Court (Vishaka Judgement), 'Sexual Harassment at Workplace Act, 2013' rules with the aim of promoting gender equality and women empowerment among students and staff members.

Professional Ethics and Human Values

Professional Ethics is offered as a course built in the curriculum to educate students in moral values, integrity and work ethics in the 7th semester with the Course Code as GE8076 and GE6075 for R-2017, R-2013 respectively.

Community services rendered by our College students have covered several aspects like adoption of villages for intensive development work, Technology transfer programmes, Technologies for rural development, various technical training programmes for self-help groups and rural youth etc.

Environment and Sustainability

Environmental Science and Engineering offered to all the branches which impart the knowledge on the nature and facts about environment in 2017 and 2013, 2008 Regulations with the Course Code GE 8291 and GE 6351.

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

15

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	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

558

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	https://drive.google.com/file/d/18UvCa6aBh8S4hgHLYOauc8TnNMvjeIou/view?usp=drive_link
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	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://drive.google.com/file/d/18UvCa6aBh8S4hgHLYOauc8TnNMvjeIou/view?usp=drive_link

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 students admitted during the year

403

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

144

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

Advanced Learners

- The faculty of all the departments who handle regular classes identify the requirements of the advanced learners and give lectures on the topics in the regular classes itself.
- The students of all the departments are encouraged to take part in symposiums, workshops and seminars to gain knowledge in the advanced topics.
- The students are encouraged to do projects and mini projects in the advanced topics under the guidance of the faculty members.
- The College encourages the students to undergo various online courses through Coursera, Udemy, Unacademy, Spoken-tutorial and Swayam-NPTEL.

Slow Learners

- Slow learners are given special attention in the following ways.
- For every fifteen students a mentor is assigned to monitor the academic performance of the students.
- Class counselors take special care about the slow learners. They interact with the parents on a regular basis.
- Regular tests, re- tests, Slip tests and Home tests are conducted.
- Coaching classes are conducted for the slow learners after the completion of the syllabus in a regular manner.
- Faculty conducts coaching classes in the hostel for low achievers.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1VO4yEDGwAzIZNuDOWNsGf8WmDvMc6y8T/view?usp=drive_link
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
1440	161

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

The learning is made student-centric by the following methods:

Developing communication and presentation skills.

Library, Internet facility and Language Lab for value addition.

Conduct seminars / Guest lecturers / conferences so that the student refers many journals and reference books for additional information.

Students are encouraged to contribute technical articles to improve written skills.

Experiential Learning:

Students are made to have experiential learning as they go through their practical sessions in the laboratories as a part of their curriculum. In addition to the regular laboratories that are prescribed in the curriculum, students are encouraged to form groups and do mini projects.

Participative Learning:

Student centric participative learning methods include periodic endowment lectures, seminars and group discussions on latest technologies.

Problem Solving Methodologies:

The problem solving capability of the students can be stimulated by making them work on case studies during the internal assessment examinations. Students of various postgraduate and some undergraduate programmes undergo internship programmes as part of the curriculum.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://drive.google.com/file/d/1ByqPXP_etqwyc1EP6_LujO9ckK0yI7bN/view?usp=drive_link

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

Information and Communications Technology (ICT) can impact student learning when teachers are digitally literate and understand how to integrate it into the academic curriculum. ICT supports, enhances and optimizes the delivery of content. Students who are continuously exposed to ICT have better exposure, presentation skills and innovative capabilities are ready to take more efforts into learning as compared to their counterparts.

Each department has two or more smart classrooms, provided with LCD projector, system with internet connection and whiteboard. Workshops and guest lecturers can be conducted here for effective learning. Staff members use the smart class room to take lectures with the help of photos, maps, graphs, flowcharts and animated videos. This makes learning more attractive, interesting and easy to understand. The presentations are directly shared with all the participants. The students are encouraged to take seminars which include application oriented and technically upcoming topics. NPTEL Video lectures and many other renowned educational websites are available offline in the college laboratories and could be accessed by the students.

File Description	Documents
Upload any additional information	**No File Uploaded**
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	[View File](#)

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

161

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

161

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	[View File](#)
Any additional information	[View File](#)
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

33

File Description	Documents
Any additional information	[View File]
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

1265

File Description	Documents
Any additional information	[View File]
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 effective and seamless administration of examinations, as well as the timely announcement of results, can only be achieved with the collaboration of all stakeholders, including JEC teaching, non-teaching, and administrative employees. Invigilators are requested to acquaint with the following procedures:

End Semester Examination

The invigilator is not permitted to carry a cell phone or other reading material. The invigilator is required to remain watchful and to make several passes through the test hall.

Internal Examination

The university regulations governing course-specific examination patterns are given to students. The university circulars in this

respect are distributed to faculty members and administrative personnel on a regular basis and they are also placed on notice boards for students.

Mechanism of Internal Assessment

The schedule of Continuous Internal Assessment (CIA) and Model Examinations, as well as assignments, is provided at the start of each session.

Model Examination

Valuation is done by the respective course instructor within two days of Examination.

Internal Assessment Marks

Internal Assessment Marks which comprises of IAT-1, IAT-2, model examination and Assignments marks are conveyed to students.

File Description	Documents
Any additional information	View File
Link for additional information	https://jec.ac.in/wp-content/uploads/2016/01/Exam-Grievance.pdf

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

A transparent, time-bound and efficient method is being followed at JEC in terms of dealing with internal examination related grievances.

• If a student is unable to attend for an examination due to medical or other reasons, an examination is conducted for that student in accordance with the rules, provided he or she makes an application with all required documentation.

• If a student receives less than a passing grade in a subject and wishes to improve, he or she may take the improvement test.

• Students concerns about evaluation are addressed by displaying their performance on the answer sheet.

• In the presence of the student, the faculty assesses the

student's answer sheet once more. Faculty members correct any
errors in the total of marks or in the evaluation of answer
booklets that students have noticed.

· Any student who is dissatisfied with the assessment and award
of grades should contact the concerned HOD, who can intervene
and seek the advice of another course teacher.

· In terms of assessment, if a student receives a lower grade
than predicted, he or she can request a revaluation of his or
her answer script by paying the required fee.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://jec.ac.in/wp-content/uploads/2016/01/Exam-Grievance.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated
and displayed on website and communicated to teachers and students.

The Vision and Mission statements of the departments, programme
educational objectives, programme outcomes, and programme
specific outcomes are published in:

Website of the Institute (https://www.jec.ac.in/)

HOD's Room,

Faculty Rooms,

Class Room,

Seminar Hall and Department Laboratories

Display Boards on the floors

Laboratory Manuals

Communicated in class committee meeting

Communicated to alumni association

The Course Outcomes of all the Courses in all the Programmes are published in:

Course Delivery Plans

List of Experiments

Chart at Lab

Laboratory Manuals

Course outcomes of each courses are formed by the department faculty mapping with PSO and PO.

PO, PSO & Cos are displayed in the website department wise.

PO and PSO are displayed in the Departments and Laboratories.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://drive.google.com/file/d/13Axpbh45 fC- nK7tRV4iYjbqIUdKzgWy5/view?usp=drive_link
Upload COs for all Programmes (exemplars from Glossary)	[View File](#)

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

• Using the Bloom's Taxonomy action verbs COs are defined for all courses in the curriculum and syllabi.

• CO-PO mapping is made properly for all courses by the course coordinators and the same is duly verified by program coordinator.

• Curriculum gap if any is identified and minimized by introducing new subjects in the syllabus in addition to providing the contents beyond the syllabus towards the attainment of POs and PSOs.

• The faculty members used to calculate the CO attainment for

their respective courses and the Department Coordinator(s) calculate the PO and PSO attainments.

· Much attention is given to the slow learners to improve their academic performance so as to improve the attainment level.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://drive.google.com/file/d/1PqARfaQu P5c4mDWyQSSQS86_vCBqfIiH/view?usp=drive_l ink

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

261

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://drive.google.com/file/d/119n3t72q cLww1M0mUcva10BxcW7YdKWt/view?usp=drive_l ink

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://forms.gle/qXKHMYt39mnAuCQm7

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)

3.335

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 teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

5

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

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

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

7

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

- **The institution creates a conducive environment for the promotion of innovation, incubation, entrepreneurship, startups, and intellectual property rights.**

- **All the required resources are provided to students along with proper guidance.**

- **Students are advised to take an active role in solving societal problems by using the latest science and technology.**

- **The required resources and support is being provided for innovative product developments, publications, patents, participation in hackathons and various competitions.**

- **Research & Development (R&D) Cell, Indian Knowledge System (IKS), Institution Innovation Council, Indian Knowledge System (IKS), establishment of IPR cell, Unnat Bharat Abhiyan Scheme and MSME incubation Center are moulding the students to become a successful innovator for solving various societal problems and to become an entrepreneur for launching their own start-ups inside the campus.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://jec.ac.in/centers-of-excellence/

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

13

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

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

1

File Description	Documents
URL to the research page on HEI website	https://jec.ac.in/overview/
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

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

152

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

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

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

15

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

3.4 - Extension Activities

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

Our Institution promotes various societies like NSS, YRC, etc. NSS organizes a Blood donation camp, Tree plantation, and First Aid Awareness camp regularly. Regular blood donation camps bring awareness to students about the value of life and their own contribution to saving lives. International Women's day, National Science day, etc., are frequently conducted. The faculty members and students are much aware of the social realities and their responsibilities in addressing social issues. Social responsibility programs are designed in such a way that the students get due exposure to the realities of life and realize their responsibilities.

File Description	Documents
Paste link for additional information	https://jec.ac.in/nss/
Upload any additional information	View File

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

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

7

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - 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

3.4.3.1 - 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

26

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 during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

1290

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

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

18

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

16

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.

Our Institution has adequate infrastructure includes communication and transportation, sewage, water, education system, health system, purified drinking water and monetary

system. The college has spacious lecture halls, administrative office and good collection of library, workshops and well equipped lab facilities. The college purpose is to create and develop infrastructure for the quality teaching environment. The college has extensive links to IT resources for the benefit of students. Ramps and Wheel Chairs are also available for them.

The college provides 9 UG courses and 7 PG courses for which well-equipped class room, Tutorials room, Seminar Hall, Smart classes, laboratories and a computer centre. Broadband connection with a bandwidth of 100 mbps is provided. Wi-Fi access is available for staff and students with in the campus. The college also has a language lab with multimedia facilities.

The institution has the effective Placement Cell, Career guidance cell, Women's Empowerment cell, Indoor games facility, Yoga and Meditation Room, Medical Room, Hostel for Boys & Girls. Public Announcement System, Generator and Fire Extinguishers.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	[jec.ac.in/infrastructure/]()

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

In our college, Students participate in various sports competitions organized on campus and outside the campus. Our college organizes an annual sports competition for students. Outdoor and indoor sports are encouraged among students to train them in skills such as leadership, team spirit and competition.

The College has a spacious multi-purpose playground for outdoor games which include, Cricket Pitch, Football Field, Basket Ball, Volleyball Court, Throw Ball Court, Kabaddi Courts and Ball Badminton.

The college has indoor games facilities such as Carom and Chess with an Exclusive indoor game Hall. A well-equipped gymnasium is maintained for the students, Auditorium is used for cultural programmes & activities for the students.

Yoga Facilities: In addition to academics, our college performs many cultural and physical activities on a regular basis. Yoga activities are designed for a healthy body, mind and soul. Students are trained in an open hall.

Cultural activities: Our college personal growth increased after cultural through learning skills, meeting new people and passing on cultural values.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[jec.ac.in/sports-club/](#)

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

72

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[https://jec.ac.in/wp-content/uploads/2022/02/4.1.3-ICT-Enabled-facilities-upload-any-addl.information-1.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)

75

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	View File

4.2 - Library as a Learning Resource

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

The Central Library at Jaya Engineering College is automated using Integrated Library Management System (ILMS) computerized with Gloind, Technologies and Services. This software is used to perform various operations like circulation of books, student membership creation, books acquisition, periodicals entry, and report generation categorized by title, author, accession number, subject, department, publication etc.

The central Library has a collection of 46,166 volumes with 17,881 titles, 2,554 back volumes and 3,158 project reports.

Our college library follows an open access system and the reference section follows a closed access system. Books are classified according to department wise and subject wise and are placed on the stacks. The books are being lend for 15 days to UG and PG students. Faculty members are lend for one semester.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	jec.ac.in/library/

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

A. Any 4 or more 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)

1.005

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

316

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

The institution has a well-established IT infrastructure and updates its laboratories including hardware, system and application software, and Wi-Fi connectivity periodically. Our college provides computer laboratories for every department with the required software. Internet bandwidth of 50 Mbps in 2021 was

upgraded recently to 100Mbps in 2022. All the 900 computers on the campus are connected through the Local Area Network (LAN).

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[jec.ac.in/computing-centres/](#)

4.3.2 - Number of Computers

917

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

4.3.3 - Bandwidth of internet connection in the Institution   **A. ? 50MBPS**

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

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)

28

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

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.

Our Institution has Technical assistants under the supervision of the System administrator maintain the efficiency of the computers and corresponding accessories. Apart from the curriculum, the laboratories are effectively utilized to conduct technical training for students, value-added courses and project work. The Central Library of the college is fully automated. Separate hostels are provided for boys and girls. A clinic, with beds along with a resident Doctor Facility, is available to take care of the health requirements of the students. Healthy and nutritious food is served for all the inmates of the college.

The college has a maintenance committee that oversees the maintenance of buildings, classrooms, and laboratories. Classrooms, Staff rooms, Seminar halls, and Laboratories, etc is cleaned and maintained regularly by staff assigned for each floor. Washrooms and restrooms are well maintained. Dustbins are placed on every floor. The Green Cover of the campus is well maintained by full-time gardeners.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drive.google.com/file/d/190RAIqOsLiYqo5E5ZXmTZKt6PiF4KeI9/view?usp=drive_link

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

668

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

72

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	jec.ac.in/capacity-building-and-skills-enhancement/
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

978

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

191

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	View File
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

225

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	**No File Uploaded**
Details of student placement during the year (Data Template)	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

11

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

0

File Description	Documents
Upload supporting data for the same	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<u>View File</u>

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.

19

File Description	Documents
e-copies of award letters and certificates	<u>View File</u>
Any additional information	**No File Uploaded**
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<u>View File</u>

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)

Students are members in the following committees

Annual Quality Assurance Report of JAYA ENGINEERING COLLEGE

- **Class committee**
- **Anti-ragging committee**
- **IQAC**
- **Grievance redressal committee**
- **Women harassment cell**

Students are members of various committees. Class committee meetings are held in the department with representation from students for understanding academic and administrative issues. Class committee meetings are conducted twice in a semester for each class.

Anti-ragging committee, IQAC, Grievance Redressal committee and women harassment cell include students as members to provide a conducive atmosphere in the campus.

All these committees conduct regular meetings and students actively participate in all the meetings.

Students hold all executive positions in organizing committees of various clubs. The following are the active clubs in our college.

- **Capacity building and skills enhancement**
- **Coding club**
- **Infotainment Science club**
- **Cultural Club**
- **CAD/CAM Club**
- **Green Energy Club Innovation cell**
- **Sport Club**
- **Women Empowerment cell**
- **Yoga YRC/RRC**
- **Ramanujan's Mathematician Club**

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/190RAIqOsLiYqo5E5ZXmTZKt6PiF4KeI9/view?usp=drive_link
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)

Page 45/121   30-12-2023 03:53:42

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

17

File Description	Documents
Report of the event	View File
Upload any additional information	**No File Uploaded**
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

Alumni who had successfully deployed their services in diverse areas became the association's office bearers and continued to contribute to improving educational quality. We currently have 1000 alumni registered with our college alumni association.

Alumni associations help to strengthen ties between alumni and their alma mater. It helps to close the gap between previous students and the institute by keeping them informed about the institute's current growth, development, and issues. Simultaneously, its role in organizing sociocultural, educational, and other types of events on the college grounds strengthens its relationship with the institute as each day passes. Alumni help students with mentoring, internships, and job opportunities in their fields of expertise. Alumni support the institution in enhancing quality in education.

Alumni Association Contribution to the Institution

The association usually works hard to create a student welfare scheme to help needy students from lower socioeconomic backgrounds. As a result, the student welfare scheme has made a small but significant contribution in times of economic need for students.

File Description	Documents
Paste link for additional information	jec.ac.in/alumni-cell/
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)   A. ? 5Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision of the Institution

To achieve Excellence in Technical Education through Innovative Teaching and Multidisciplinary Research with Professionalism to Serve the Global Society.

Mission of the Institution

- **To Impart High quality Teaching and Learning for Engineering, Technology and Management Studies by providing State-of-art-infrastructure.**
- **To Provide Quality Education, Self discipline and Ethical values.**
- **To Associate with R&D and Industries to have Connectivity with the Society.**
- **To Impart Knowledge to become Empowered Professionals in the field of Engineering and Management.**

The perspective plans of the Institution reflects the vision and mission of the institution in terms of quality technical education, research, contribution to society and creation of enlightened citizen with ethics and values. Governing Council meetings are conducted every year to review and decide on the action plans in line with the vision and mission of the institution. Based on that, Principal gives instructions to Head

of the Departments and other stake holders for attaining quality enhancement of academic, extra and co- curricular activities. Academic calendar will be prepared by the academic coordinator. HODs execute, monitor and review the process every month and communicate the prevailing activities to the Principal periodically.

File Description	Documents
Paste link for additional information	https://jec.ac.in/mission-vision/
Upload any additional information	View File

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

Teaching Learning Process

Principal, Academic Coordinator, Heads of the departments, Year coordinators, class advisors, subject handling faculty and counselors are involved in maintaining the quality of teaching and learning process. Subjects are allocated to the faculty by the Heads of departments.

Academic calendar is prepared in advance by academic coordinator. Based on that, Lecture plan will be prepared by subject handling faculty. Head of the department monitors all academic and administrative activities of the department.

Academic coordinators ensure smooth conduct of theory and practical class. Class Counselors monitor attendance of students and prepare the daily attendance report. Mentors interact with students and motivate them to excel in academics. The capability of the student will be jointly assessed by the subject handling Faculty and counselor and motivated accordingly.

Placement coordinator takes care of On campus recruitment. Similarly higher education, Entrepreneurship, Industry interaction, Cultural and Sports activities are taken care by respective cell coordinators. Academic audit will be planned and conducted by the IQAC cell to ensure the quality of teaching and learning.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1wA7NZhhZtAo6lUDBcMpXWLq9QL88GJ5Y/view?usp=drive_link
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Jaya Engineering College (JEC) year of Establishment and Management profile has systematically emerged in last twenty eight years as a hub for-quality education through its teaching-learning processes, competent faculty members, state-of-the-art infrastructure and committed efforts on research & innovation, having a tangible impact on rural societal development. During these years, the Jaya Engineering College has become a synonym for 'Quality Education'. The journey has been quite challenging yet very successful. Meanwhile, the JEC has developed its Strategic Plan for the duration of 2022-2023. Jaya Engineering College will maintain its quality and uniqueness by adhering to a strategy plan based on the following areas:

- **Teaching and Learning Process**
- **Outcome Based Education**
- **Research and Development**
- **Startup Studios**

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://drive.google.com/file/d/1GddhiOnXNcsj0CtQ7divooZ17KHPputA/view?usp=drive_link
Upload any additional information	**No File Uploaded**

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.

Jaya Engineering College has an elaborate hierarchical structure

to effectively administer the institution.

Policies

- The policies of the institute are framed by the leadership of the institute. The policies are in tune with the vision and mission of the institute. The subordinate bodies strategize and implement the policies to achieve the desired outcome.

Administrative setup

- The principal of the institution is the head of the administrative setup. The leadership has provided necessary procedures to carry out the administrative work.
- The personnel heading the infrastructure and maintenance body, under the guidance of the principal, carries out the daily, weekly and monthly routines with regard to maintenance of the campus.
- The administrations of Hostel for men and women students are supervised by the wardens under the guidance of the head of the institution.
- IQAC cell is empowered through the guidelines provided by the principal.
- Administration of library, placement, exam cell, R&D cell, sports, welfare committees, transport department are conducted as per norms suggested by the leadership.

Appointment and service rules, procedures

- The appointment of teaching and non-teaching staff, service rules and procedures are followed by the guidelines provided by the leadership team.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	https://drive.google.com/file/d/1d97bYvYTblt_lH692bq4kuXbREnzFj6J/view?usp=drive_link
Upload any additional information	View File

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 inter faces	[View File](#)
Any additional information	[View File](#)
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

Jaya Engineering College, welfare of the members of faculty is given foremost importance. Existing welfare measures for teaching and non-teaching staff are listed below in relation to this. Welfare measures for teaching and nonteaching staff

Financial support

- All statutory and Medical Leave for both teaching and nonteaching staff.
- Maternity leave for eligible members of faculty
- Advances for festivals
- Fee Concession for the wards of the teaching and nonteaching staff
- Hostel and mess facilities at affordable cost
- Sponsorships for publications and conferences
- Transport services are available for both teaching and nonteaching staff.

Academic support

- Internet and WiFi for all the members of staff
- Skill development and FDP for Effective Teaching and Learning
- Summer and Winter Vacations for Eligible Faculty Members
- The library subscribes to journals and magazines to

support the research activities

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1UK4PAedu D5J2eIgYYKreInsFanxp9HRD/view?usp=drive_l ink
Upload any additional information	View File

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

50

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training 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

43

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	[View File](#)
Upload any additional information	**No File Uploaded**
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

76

File Description	Documents
IQAC report summary	**No File Uploaded**
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	[View File](#)
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

Faculty Performance is evaluated yearly by the Principal, Dean of the Institution and the HOD for every Academic year with the use of an Appraisal Form consisting of the following:

Teaching and Learning Process:

Details of theory subjects and laboratory classes handled, Final year Projects guided, Students online feedback, Course file details, Syllabus coverage, Innovative methods/Technology utilization in course delivery, NPTEL online course pursued

Contribution to the department:

Member of dept. committee, Coordinator of dept. level committee, workshop or hands on training program conducted for the students, developed teaching aids/models/gadgets for lab, Sabbatical/ Summer training undertaken

Contribution to the Institution:

Funded R & D / Consultancy projects obtained, R & D proposals submitted, Patents filed, any other work rendered at institutional level

Overall Assessment of the faculty member is done by the HOD based on faculty's willingness to accept responsibilities, adhering to deadlines, quality of work, team work etc.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1IiyclJZZpK8zvSqCy3o010fK8QZRqp2y/view?usp=drive_link
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 institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources.

The major financial decisions are taken by the Governing Body (GB).The institute has a mechanism for internal and external audit. Internal audit is an ongoing continuous process.

In addition to the external auditors to verify and certify the

entire Income and Expenditure and the Capital Expenditure of the Institute Qualified Internal Auditors from external resources have been permanently appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions.

An external audit is also carried out on an elaborate way on quarterly basis. The institutional accounts are audited regularly by both Internal and statutory audits. So far there have been no major findings / objections.

Minor errors of omissions and commissions when pointed out by the audit team are immediately corrected or rectified and precautionary steps are taken to avoid Recurrence of such errors.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1gX9N4om8vZpkkKlQcPEmX4-1YwXGJARg/view?usp=drive_link
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)

0.06

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

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

We, Jaya Engineering College is a self-financed institution,

where the funds are generated through the fees paid by the students. Deficit is managed by taking advance from the parent trust.

Additional funding is obtained through Research proposals, consultancy works from governmental & nongovernmental agencies and industries.

These funds are utilized for the research and laboratory development. The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources for the development of the academic processes and infrastructure development.

Institutional budget is prepared by Accounts department every year taking into consideration of recurring and non-recurring expenditures.

Accordingly, all academic heads are requested to submit the budget required for the subsequent financial year. Along with this all coordinators of different cells viz., R& D Cell, Exam Cell, T&P Cell, etc. are instructed to submit their budget to Account office.

All the major financial decisions are taken by the Principal and finance committee, after discussions the same are finalized. As and when urgent requirements arise it is given after approval is received from accounts office.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1OCUwQLtsq9cl0YmRFddgVtabu6YAZ96Y/view?usp=drive_link
Upload any additional information	View File

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

Our institution obtains feedback in the structured formats from various stakeholders like Students, Parents, Alumni, Faculty, and Employers for continuous refinement.

The institute has developed a closed-loop feedback system for the same with the objective to enrich the curriculum and to improve the teaching-learning processes.

All the feedbacks received are analyzed and consolidated reports are prepared to draw the conclusions. Based on the suggestions received, action taken report was prepared for improvement. The academic audit provides an opportunity for a regular strategic overview of a college's teaching learning process.

The academic audit is carried out once in a year. The academic auditing is being conducted jointly by an Internal Quality Assurance Cell (IQAC) within the college and external academic auditor/auditors appointed by the College.

The IQAC prepares academic audit statements in formats prescribed by the College. The external auditor, appointed by the College, will be a proven academician, preferably Professors or Associate Professors from reputed Engineering Colleges.

The Principal takes necessary action on the observations made by the external auditor and ensures that compliance report is prepared by concerned HOD for further improvement in quality education imparted to students.

File Description	Documents
Paste link for additional information	http://jec.ac.in/iqac/
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

Before commencement of every semester, teachers prepare Faculty Preparation Program which consists of Lesson Plan and other activities to be conducted for the course. A question bank with answer keys is also prepared by the teacher. In this, Course Outcomes (CO) are mapped to Program Outcomes (POs) with appropriate relevance and due justification.

This record called Faculty Preparation Programs reviewed by a subject mentor and by IQAC to ensure preparedness of the faculty to take up the course.

Class Committee meetings are conducted after every IAT exam and concerns expressed are rectified at departmental level. Student performance in every IAT exam is analysed and measures are taken to improve the same are being implemented immediately.

File Description	Documents
Paste link for additional information	http://jec.ac.in/iqac/
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)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://jec.ac.in/iqac/
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 college ensures gender equality in admissions, employment, training, sports and all other activities. All committees/cells have been constituted as per statuary requirement of UGC/AICTE/University.

Women Empowerment Cell: Women Empowerment Cell takes care of security arrangement for Girl students and Women Staff in the College campus. The members of the cell are all women, consisting of a coordinator, faculty and girl students from each department. Regular review meetings are conducted.

The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) has been implemented in the Institution, which covers all women, irrespective of their age or employment status and protect them against sexual harassment at workplaces

Separate Sports facility, Gymnasium, and Beauty salons. Napkin vending machines Apart from these, every Department of the college has separate Faculty rooms for men and women.

File Description	Documents
Annual gender sensitization action plan	https://drive.google.com/file/d/1IDpNnX1WsVz5vBATpzml7LrD77GsCMpQ/view?usp=drive_link
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://drive.google.com/file/d/11Up5WGXO3TuLNKcD3q3wMoejYujvCkfK/view?usp=drive_link

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

A. 4 or All 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

SOLID WASTE MANAGEMENT

Solid waste is segregated into degradable and non-degradable. All blocks are provided with dry waste collecting bins; waste collected every day is handed over to the concerned authorities.

LIQUID WASTE MANAGEMENT

Liquid waste collected from hostels, staff quarters and food courts are conveyed to the waste water treatment plant. The treated water is tested for its quality and reused for gardening, street washing and landscape irrigation.

E-WASTE MANAGEMENT

Obsolete electronic items such as monitors, computers, batteries etc. are segregated and sold as scrap to the authorized vendors.

WASTE RECYCLING SYSTEM

The waste water originating from the bathrooms and toilets are collected by two-pipe system, where one pipe carries wastewater from bathing, washing of clothes and cleaning and the other one carries human faeces and night soil.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	**No File Uploaded**
Geo tagged photographs of the facilities	[View File](#)

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

A. Any 4 or all of the above

File Description	Documents
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

File Description	Documents
Geo tagged photos / videos of the facilities	[View File](#)
Various policy documents / decisions circulated for implementation	[View File](#)
Any other relevant documents	**No File Uploaded**

7.1.6 - Quality audits on environment and energy 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

A. Any 4 or all of the above

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

7.1.7 - The Institution has 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   **A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	**No File Uploaded**
Policy documents and information brochures on the support to be provided	View File
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).

Various initiatives are taken by the Institution for promoting tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic, and other diversities to emphasize harmony and tolerance. Sharing of greetings for the celebration

of festivals like Pongal, Christmas, Ramadan, Vijayadasami, Ayudha Pooja, Diwali, and commemorative days like International Women's Day, Mother's day, Labour day through social media is executed.

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 values are inculcated through courses in the curriculum, namely Universal Human Values, Professional Ethics and Constitutions of India. In addition, Yoga programs are organized to make our students to understand the value of being humane. Through NSS various programs are organized to make the students realize their rights, duties and responsibilities.

Awareness programmes are conducted to make the students to understand the constitutional responsibilities and disseminate to others about importance of voters right and their responsibility in selecting the right government. The constitutional obligation of unity in diversity is practiced in the campus and students are informed about it often.

Students take oath on National Unity Day on October 31st and National Voters Day on January 25th every year. The institution motivates the students to participate as volunteers in election duties to help the government to increase the polling percentage of responsible voters.

The institution creates awareness among student community about how rights and duties play an important role in their professional life in the development of the Nation and on the growth of an organization. Further a graduate's responsibilities during every graduation day are listed out and pledge is administered by the head of the institution.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://drive.google.com/file/d/1pYHqlXcUbP7hShUWODi8XJdh1PWccGKD/view?usp=drive_link
Any other relevant information	Nil

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

A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various 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

Our Institution has students from different parts of India. National and Regional Festivals National and Regional festivals are celebrated with enthusiasm and traditional flavor. The cultural, ethnic and religious diversity in India has given rise to myriad festivals that are celebrated with unparalleled enthusiasm by students of JEC.

National and International Commemorative Days:

We celebrate the republic day with great ardor to recognize the constitution of the country on 26th January 1950. The celebration includes the hoisting of national flag and spreading a warm message of nationalism by eminent personalities. Women's Day is celebrated on 8th March to recognize the women achievers INTERNATIONAL Yoga day is celebrated on 21st June to promote yoga among students. Yoga Practioners and experts are invited to address the faculty, staff and students. On 15th August, we celebrate the Independence Day to emphasize national integration and preserve the rights of an individual and to remember national leaders and their sacrifices. 5th September is celebrated as Teacher's day, the birth anniversary of Dr. Radhakrishnanan, to honour the great services of teachers. 15th September is celebrated as Engineer's day.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
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.

Title of the Practice 1

Coding Club

Objectives of the practice To support the students to get basic concept of Programming methods. To encourage the students to Participate in Computer coding competitions To enrich and strengthen the coding literacy To enable logical thing skills To acquire the knowledge for the campus placement

File Description	Documents
Best practices in the Institutional website	https://drive.google.com/file/d/1k2UuZuwy Uosu64jzWilvwlx79G2di6--/view?usp=drive_l ink
Any other relevant information	Nil

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

Jaya Engineering College is the forefront runner in providing quality technical education and fostering research progress among the student and teaching community. To nurture the students who have innovative and novel ideas, the research cell in the college provides guidance and support. In turn the students are able to publish their work in high impact journals and conferences. Few of the innovative ideas are converted into patents. The students also receive financial assistance from the institute in terms of seed money to start their research and development work. Students are mentored to take part in the government initiatives like Smart India Hackathon, etc. The class rooms are equipped with ICT facilities like View Board, projectors. Institute has Institution Incubation Centre (IIC) which actively conducts numerous seminars/webinars for the benefit of the students to make them entrepreneurs.

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

Based on the Academic curriculum and Calendar from Anna University, The Academic Committee headed by the Principal plans the Institution's academic schedule which includes the details of number of working days, conducting of periodic tests, end semester examinations, evaluation plans, co-curricular / extracurricular activities and the same is conveyed to all faculty members through HODs.

The courses are allocated based on the preference and experience of the faculty members. Head of the Department assigns the work load comprising both Theory and lab schedule for each faculty member.

The Faculty members prepare their own course plan and course material for the allocated courses which includes the Syllabus, Lesson plan, Time table, Course Objectives. Course delivery plan is done in quantum schedule based on the number of working days in the academic schedule.

A class committee meeting is conducted twice in a semester and is headed by the Head of the department in the presence of the subject handling faculty of particular class where the Student representative voices their needs and share their feedback and course of actions on the same are initiated.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://jec.ac.in/academic-calendar-2/

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

The academic calendar prescribed by the university is followed with respect of theory and practical classes which contains re-opening date, last working day, Internal

Assessment period, commencement of practical and end Semester Examinations.

Assessment Schedule is posted by Anna University mentioning the last date for registration of electives, conduct of first, and second and third assessment exams. The circular comes with information about report period, test period and web portal entry period.

After obtaining the calendar from the Anna University, academic coordinator in conjunction with the IQAC coordinator and the exam cell coordinator prepares the academic schedule which contains assessment examination dates, Holidays, co-curricular activities.

Regarding the Internal assessment examination, the students are internally assessed in three different parts based on the final pattern of the university question Part A- 2 marks, Part B- 13 marks and Part C- 15 marks.

Retest will be conducted for the students those who have failed to obtain 65% marks in each subjects. Based on the assessment examination performances, slow learners will be identified and special revision classes will be arranged before the start of end semester examinations to enhance the performance and hope in the end semester examinations.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://jec.ac.in/exam-cell-2/

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	A. All of the above

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	[View File](#)

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

16

File Description	Documents
Any additional information	**No File Uploaded**
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)

45

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

1164

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

Gender:

Being a co-education institution, both genders are given equal opportunities in curricular, co-curricular and extracurricular activities. Responsibilities are assigned to the students irrespective of the gender and this will help the students to show mutual respect with opposite gender.

Jaya Engineering College has constituted a 'Women's Grievance Cell' as per the orders of the Supreme Court (Vishaka Judgement), 'Sexual Harassment at Workplace Act, 2013' rules with the aim of promoting gender equality and women empowerment among students and staff members.

Professional Ethics and Human Values

Professional Ethics is offered as a course built in the curriculum to educate students in moral values, integrity and work ethics in the 7th semester with the Course Code as GE8076 and GE6075 for R-2017, R-2013 respectively.

Community services rendered by our College students have covered several aspects like adoption of villages for intensive development work, Technology transfer programmes, Technologies for rural development, various technical training programmes for self-help groups and rural youth etc.

Environment and Sustainability

Environmental Science and Engineering offered to all the branches which impart the knowledge on the nature and facts about environment in 2017 and 2013, 2008 Regulations with the Course Code GE 8291 and GE 6351.

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

15

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	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

558

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	**A. All of the above**

syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	

File Description	Documents
URL for stakeholder feedback report	https://drive.google.com/file/d/18UvCa6aBh8S4hgHLYOauc8TnNMvjeIou/view?usp=drive_link
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	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://drive.google.com/file/d/18UvCa6aBh8S4hgHLYOauc8TnNMvjeIou/view?usp=drive_link

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 students admitted during the year

403

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

144

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

Advanced Learners

- **The faculty of all the departments who handle regular classes identify the requirements of the advanced learners and give lectures on the topics in the regular classes itself.**
- **The students of all the departments are encouraged to take part in symposiums, workshops and seminars to gain knowledge in the advanced topics.**
- **The students are encouraged to do projects and mini projects in the advanced topics under the guidance of the faculty members.**
- **The College encourages the students to undergo various online courses through Coursera, Udemy, Unacademy, Spoken-tutorial and Swayam-NPTEL.**

Slow Learners

- **Slow learners are given special attention in the following ways.**
- **For every fifteen students a mentor is assigned to monitor the academic performance of the students.**
- **Class counselors take special care about the slow learners. They interact with the parents on a regular basis.**
- **Regular tests, re- tests, Slip tests and Home tests are**

conducted.

- **Coaching classes are conducted for the slow learners after the completion of the syllabus in a regular manner.**
- **Faculty conducts coaching classes in the hostel for low achievers.**

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1VO4yEDGwAzIZNuDOWNsGf8WmDvMc6y8T/view?usp=drive_link
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
1440	**161**

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

The learning is made student-centric by the following methods:

Developing communication and presentation skills.

Library, Internet facility and Language Lab for value addition.

Conduct seminars / Guest lecturers / conferences so that the student refers many journals and reference books for additional information.

Students are encouraged to contribute technical articles to improve written skills.

Experiential Learning:

Students are made to have experiential learning as they go through their practical sessions in the laboratories as a part of their curriculum. In addition to the regular laboratories that are prescribed in the curriculum, students are encouraged to form groups and do mini projects.

Participative Learning:

Student centric participative learning methods include periodic endowment lectures, seminars and group discussions on latest technologies.

Problem Solving Methodologies:

The problem solving capability of the students can be stimulated by making them work on case studies during the internal assessment examinations. Students of various postgraduate and some undergraduate programmes undergo internship programmes as part of the curriculum.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://drive.google.com/file/d/1ByqPXP_etqwyc1EP6_LujO9ckK0yI7bN/view?usp=drive_link

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

Information and Communications Technology (ICT) can impact student learning when teachers are digitally literate and understand how to integrate it into the academic curriculum. ICT supports, enhances and optimizes the delivery of content. Students who are continuously exposed to ICT have better exposure, presentation skills and innovative capabilities are ready to take more efforts into learning as compared to their counterparts.

Each department has two or more smart classrooms, provided with LCD projector, system with internet connection and whiteboard. Workshops and guest lecturers can be conducted

here for effective learning. Staff members use the smart
class room to take lectures with the help of photos, maps,
graphs, flowcharts and animated videos. This makes learning
more attractive, interesting and easy to understand. The
presentations are directly shared with all the participants.
The students are encouraged to take seminars which include
application oriented and technically upcoming topics. NPTEL
Video lectures and many other renowned educational websites
are available offline in the college laboratories and could
be accessed by the students.

File Description	Documents
Upload any additional information	**No File Uploaded**
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

161

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

161

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
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

33

File Description	Documents
Any additional information	View File
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

1265

File Description	Documents
Any additional information	View File
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 effective and seamless administration of examinations, as well as the timely announcement of results, can only be achieved with the collaboration of all stakeholders, including JEC teaching, non-teaching, and administrative employees. Invigilators are requested to acquaint with the following procedures:

End Semester Examination

The invigilator is not permitted to carry a cell phone or other reading material. The invigilator is required to remain watchful and to make several passes through the test hall.

Internal Examination

The university regulations governing course-specific examination patterns are given to students. The university circulars in this respect are distributed to faculty members and administrative personnel on a regular basis and they are also placed on notice boards for students.

Mechanism of Internal Assessment

The schedule of Continuous Internal Assessment (CIA) and Model Examinations, as well as assignments, is provided at the start of each session.

Model Examination

Valuation is done by the respective course instructor within two days of Examination.

Internal Assessment Marks

Internal Assessment Marks which comprises of IAT-1, IAT-2, model examination and Assignments marks are conveyed to students.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://jec.ac.in/wp-content/uploads/2016/01/Exam-Grievance.pdf

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

bound and efficient

A transparent, time-bound and efficient method is being followed at JEC in terms of dealing with internal examination related grievances.

· If a student is unable to attend for an examination due to medical or other reasons, an examination is conducted for that student in accordance with the rules, provided he or she makes an application with all required documentation.

· If a student receives less than a passing grade in a subject and wishes to improve, he or she may take the improvement test.

· Students concerns about evaluation are addressed by displaying their performance on the answer sheet.

· In the presence of the student, the faculty assesses the student's answer sheet once more. Faculty members correct any errors in the total of marks or in the evaluation of answer booklets that students have noticed.

· Any student who is dissatisfied with the assessment and award of grades should contact the concerned HOD, who can intervene and seek the advice of another course teacher.

· In terms of assessment, if a student receives a lower grade than predicted, he or she can request a revaluation of his or her answer script by paying the required fee.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://jec.ac.in/wp-content/uploads/2016/01/Exam-Grievance.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The Vision and Mission statements of the departments, programme educational objectives, programme outcomes, and programme specific outcomes are published in:

Website of the Institute (https://www.jec.ac.in/)

HOD's Room,

Faculty Rooms,

Class Room,

Seminar Hall and Department Laboratories

Display Boards on the floors

Laboratory Manuals

Communicated in class committee meeting

Communicated to alumni association

The Course Outcomes of all the Courses in all the Programmes are published in:

Course Delivery Plans

List of Experiments

Chart at Lab

Laboratory Manuals

Course outcomes of each courses are formed by the department faculty mapping with PSO and PO.

PO, PSO & Cos are displayed in the website department wise.

PO and PSO are displayed in the Departments and Laboratories.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for Additional information	<u>https://drive.google.com/file/d/13Axpbh45fC-nK7tRV4iYjbqIUdKzgWy5/view?usp=drive_link</u>
Upload COs for all Programmes (exemplars from Glossary)	<u>View File</u>

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

• **Using the Bloom's Taxonomy action verbs COs are defined for all courses in the curriculum and syllabi.**

• **CO-PO mapping is made properly for all courses by the course coordinators and the same is duly verified by program coordinator.**

• **Curriculum gap if any is identified and minimized by introducing new subjects in the syllabus in addition to providing the contents beyond the syllabus towards the attainment of POs and PSOs.**

• **The faculty members used to calculate the CO attainment for their respective courses and the Department Coordinator(s) calculate the PO and PSO attainments.**

• **Much attention is given to the slow learners to improve their academic performance so as to improve the attainment level.**

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for Additional information	<u>https://drive.google.com/file/d/1PqARfaQuP5c4mDWyQSSQS86_vCBgfIiH/view?usp=drive_link</u>

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

261

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://drive.google.com/file/d/119n3t72qcLww1M0mUcva10BxcW7YdKWt/view?usp=drive_link

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://forms.gle/qXKHMYt39mnAuCQm7

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)

3.335

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 teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

5

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

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

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

7

File Description	Documents
List of research projects and funding details (Data Template)	[View File](#)
Any additional information	[View File](#)
Supporting document from Funding Agency	[View File](#)
Paste link to funding agency website	**Nil**

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

- **The institution creates a conducive environment for the promotion of innovation, incubation, entrepreneurship, startups, and intellectual property rights.**

- **All the required resources are provided to students along with proper guidance.**

- **Students are advised to take an active role in solving**

societal problems by using the latest science and technology.

- The required resources and support is being provided for innovative product developments, publications, patents, participation in hackathons and various competitions.

- Research & Development (R&D) Cell, Indian Knowledge System (IKS), Institution Innovation Council, Indian Knowledge System (IKS), establishment of IPR cell, Unnat Bharat Abhiyan Scheme and MSME incubation Center are moulding the students to become a successful innovator for solving various societal problems and to become an entrepreneur for launching their own start-ups inside the campus.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jec.ac.in/centers-of-excellence/

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

13

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

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

1

File Description	Documents
URL to the research page on HEI website	https://jec.ac.in/overview/
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

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

152

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

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

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

15

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

3.4 - Extension Activities

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

Our Institution promotes various societies like NSS, YRC, etc. NSS organizes a Blood donation camp, Tree plantation, and First Aid Awareness camp regularly. Regular blood donation camps bring awareness to students about the value of life and their own contribution to saving lives. International Women's day, National Science day, etc., are frequently conducted. The faculty members and students are much aware of the social realities and their responsibilities in addressing social issues. Social responsibility programs are designed in such a way that the students get due exposure to the realities of life and realize their responsibilities.

File Description	Documents
Paste link for additional information	https://jec.ac.in/nss/
Upload any additional information	View File

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

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

7

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - 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

3.4.3.1 - 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

26

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 during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

1290

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

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

18

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

16

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.

Our Institution has adequate infrastructure includes communication and transportation, sewage, water, education system, health system, purified drinking water and monetary system. The college has spacious lecture halls, administrative office and good collection of library, workshops and well equipped lab facilities. The college purpose is to create and develop infrastructure for the quality teaching environment. The college has extensive links to IT resources for the benefit of students. Ramps and Wheel Chairs are also available for them.

The college provides 9 UG courses and 7 PG courses for which well-equipped class room, Tutorials room, Seminar Hall, Smart classes, laboratories and a computer centre. Broadband connection with a bandwidth of 100 mbps is provided. Wi-Fi access is available for staff and students with in the campus. The college also has a language lab with multimedia facilities.

The institution has the effective Placement Cell, Career guidance cell, Women's Empowerment cell, Indoor games facility, Yoga and Meditation Room, Medical Room, Hostel for Boys & Girls. Public Announcement System, Generator and Fire Extinguishers.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	jec.ac.in/infrastructure/

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

In our college, Students participate in various sports competitions organized on campus and outside the campus. Our college organizes an annual sports competition for students. Outdoor and indoor sports are encouraged among students to train them in skills such as leadership, team spirit and competition.

The College has a spacious multi-purpose playground for outdoor games which include, Cricket Pitch, Football Field, Basket Ball, Volleyball Court, Throw Ball Court, Kabaddi Courts and Ball Badminton.

The college has indoor games facilities such as Carom and Chess with an Exclusive indoor game Hall. A well-equipped gymnasium is maintained for the students, Auditorium is used for cultural programmes & activities for the students.

Yoga Facilities: In addition to academics, our college performs many cultural and physical activities on a regular basis. Yoga activities are designed for a healthy body, mind

and soul. Students are trained in an open hall.

Cultural activities: Our college personal growth increased after cultural through learning skills, meeting new people and passing on cultural values.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	jec.ac.in/sports-club/

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

72

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jec.ac.in/wp-content/uploads/2022/02/4.1.3-ICT-Enabled-facilities-upload-any-addl.information-1.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)

75

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	View File

4.2 - Library as a Learning Resource

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

The Central Library at Jaya Engineering College is automated using Integrated Library Management System (ILMS) computerized with Gloind, Technologies and Services. This software is used to perform various operations like circulation of books, student membership creation, books acquisition, periodicals entry, and report generation categorized by title, author, accession number, subject, department, publication etc.

The central Library has a collection of 46,166 volumes with 17,881 titles, 2,554 back volumes and 3,158 project reports.

Our college library follows an open access system and the reference section follows a closed access system. Books are classified according to department wise and subject wise and are placed on the stacks. The books are being lend for 15 days to UG and PG students. Faculty members are lend for one semester.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	jec.ac.in/library/

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	A. Any 4 or more 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)

1.005

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

316

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

The institution has a well-established IT infrastructure and updates its laboratories including hardware, system and application software, and Wi-Fi connectivity periodically.

Our college provides computer laboratories for every
department with the required software. Internet bandwidth of
50 Mbps in 2021 was upgraded recently to 100Mbps in 2022. All
the 900 computers on the campus are connected through the
Local Area Network (LAN).

File Description	Documents
Upload any additional information	View File
Paste link for additional information	jec.ac.in/computing-centres/

4.3.2 - Number of Computers

917

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution	A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

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)

28

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

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.

Our Institution has Technical assistants under the supervision of the System administrator maintain the efficiency of the computers and corresponding accessories. Apart from the curriculum, the laboratories are effectively utilized to conduct technical training for students, value-added courses and project work. The Central Library of the college is fully automated. Separate hostels are provided for boys and girls. A clinic, with beds along with a resident Doctor Facility, is available to take care of the health requirements of the students. Healthy and nutritious food is served for all the inmates of the college.

The college has a maintenance committee that oversees the maintenance of buildings, classrooms, and laboratories. Classrooms, Staff rooms, Seminar halls, and Laboratories, etc is cleaned and maintained regularly by staff assigned for each floor. Washrooms and restrooms are well maintained. Dustbins are placed on every floor. The Green Cover of the campus is well maintained by full-time gardeners.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/19ORAIq OsLiYqo5E5ZXmTZKt6PiF4KeI9/view?usp=dri ve_link

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

668

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

72

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	jec.ac.in/capacity-building-and-skills-enhancement/
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

978

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

191

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	View File
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

225

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	**No File Uploaded**
Details of student placement during the year (Data Template)	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

11

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

0

File Description	Documents
Upload supporting data for the same	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	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.

19

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

Students are members in the following committees

- Class committee
- Anti-ragging committee
- IQAC
- Grievance redressal committee
- Women harassment cell

Students are members of various committees. Class committee meetings are held in the department with representation from students for understanding academic and administrative issues. Class committee meetings are conducted twice in a semester for each class.

Anti-ragging committee, IQAC, Grievance Redressal committee and women harassment cell include students as members to provide a conducive atmosphere in the campus.

All these committees conduct regular meetings and students actively participate in all the meetings.

Students hold all executive positions in organizing committees of various clubs. The following are the active clubs in our college.

- Capacity building and skills enhancement
- Coding club
- Infotainment Science club
- Cultural Club
- CAD/CAM Club
- Green Energy Club Innovation cell
- Sport Club
- Women Empowerment cell
- Yoga YRC/RRC
- Ramanujan's Mathematician Club

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/190RAIqOsLiYqo5E5ZXmTZKt6PiF4KeI9/view?usp=drive_link
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

`17`

File Description	Documents
Report of the event	View File
Upload any additional information	**No File Uploaded**
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

Alumni who had successfully deployed their services in diverse areas became the association's office bearers and continued to contribute to improving educational quality. We currently have 1000 alumni registered with our college alumni association.

Alumni associations help to strengthen ties between alumni and their alma mater. It helps to close the gap between previous students and the institute by keeping them informed about the institute's current growth, development, and issues. Simultaneously, its role in organizing sociocultural, educational, and other types of events on the college grounds strengthens its relationship with the institute as each day passes. Alumni help students with mentoring, internships, and job opportunities in their fields of expertise. Alumni support the institution in enhancing quality in education.

Alumni Association Contribution to the Institution

The association usually works hard to create a student welfare scheme to help needy students from lower socioeconomic backgrounds. As a result, the student welfare scheme has made a small but significant contribution in times of economic need for students.

File Description	Documents
Paste link for additional information	jec.ac.in/alumni-cell/
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	A. ? 5Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision of the Institution

To achieve Excellence in Technical Education through Innovative Teaching and Multidisciplinary Research with Professionalism to Serve the Global Society.

Mission of the Institution

- **To Impart High quality Teaching and Learning for Engineering, Technology and Management Studies by providing State-of-art-infrastructure.**
- **To Provide Quality Education, Self discipline and Ethical values.**
- **To Associate with R&D and Industries to have Connectivity with the Society.**
- **To Impart Knowledge to become Empowered Professionals in the field of Engineering and Management.**

The perspective plans of the Institution reflects the vision and mission of the institution in terms of quality technical education, research, contribution to society and creation of enlightened citizen with ethics and values. Governing Council meetings are conducted every year to review and decide on the action plans in line with the vision and mission of the

institution. Based on that, Principal gives instructions to Head of the Departments and other stake holders for attaining quality enhancement of academic, extra and co- curricular activities. Academic calendar will be prepared by the academic coordinator. HODs execute, monitor and review the process every month and communicate the prevailing activities to the Principal periodically.

File Description	Documents
Paste link for additional information	https://jec.ac.in/mission-vision/
Upload any additional information	View File

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

Teaching Learning Process

Principal, Academic Coordinator, Heads of the departments, Year coordinators, class advisors, subject handling faculty and counselors are involved in maintaining the quality of teaching and learning process. Subjects are allocated to the faculty by the Heads of departments.

Academic calendar is prepared in advance by academic coordinator. Based on that, Lecture plan will be prepared by subject handling faculty. Head of the department monitors all academic and administrative activities of the department.

Academic coordinators ensure smooth conduct of theory and practical class. Class Counselors monitor attendance of students and prepare the daily attendance report. Mentors interact with students and motivate them to excel in academics. The capability of the student will be jointly assessed by the subject handling Faculty and counselor and motivated accordingly.

Placement coordinator takes care of On campus recruitment. Similarly higher education, Entrepreneurship, Industry interaction, Cultural and Sports activities are taken care by respective cell coordinators. Academic audit will be planned

and conducted by the IQAC cell to ensure the quality of teaching and learning.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1wA7NZhhZtAo6lUDBcMpXWLq9QL88GJ5Y/view?usp=drive_link
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Jaya Engineering College (JEC) year of Establishment and Management profile has systematically emerged in last twenty eight years as a hub for-quality education through its teaching-learning processes, competent faculty members, state-of-the-art infrastructure and committed efforts on research & innovation, having a tangible impact on rural societal development. During these years, the Jaya Engineering College has become a synonym for 'Quality Education'. The journey has been quite challenging yet very successful. Meanwhile, the JEC has developed its Strategic Plan for the duration of 2022-2023. Jaya Engineering College will maintain its quality and uniqueness by adhering to a strategy plan based on the following areas:

- **Teaching and Learning Process**
- **Outcome Based Education**
- **Research and Development**
- **Startup Studios**

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://drive.google.com/file/d/1GddhiOnXNcsj0CtQ7divooZ17KHPputA/view?usp=drive_link
Upload any additional information	No File Uploaded

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.

Jaya Engineering College has an elaborate hierarchical structure to effectively administer the institution.

Policies

- The policies of the institute are framed by the leadership of the institute. The policies are in tune with the vision and mission of the institute. The subordinate bodies strategize and implement the policies to achieve the desired outcome.

Administrative setup

- The principal of the institution is the head of the administrative setup. The leadership has provided necessary procedures to carry out the administrative work.
- The personnel heading the infrastructure and maintenance body, under the guidance of the principal, carries out the daily, weekly and monthly routines with regard to maintenance of the campus.
- The administrations of Hostel for men and women students are supervised by the wardens under the guidance of the head of the institution.
- IQAC cell is empowered through the guidelines provided by the principal.
- Administration of library, placement, exam cell, R&D cell, sports, welfare committees, transport department are conducted as per norms suggested by the leadership.

Appointment and service rules, procedures

- The appointment of teaching and non-teaching staff, service rules and procedures are followed by the guidelines provided by the leadership team.

File Description	Documents
Paste link for additional information	**Nil**
Link to Organogram of the institution webpage	https://drive.google.com/file/d/1d97bYvYTblt_lH692bq4kuXbREnzFj6J/view?usp=drive_link
Upload any additional information	View File

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 inter faces	View File
Any additional information	View File
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

Jaya Engineering College, welfare of the members of faculty is given foremost importance. Existing welfare measures for teaching and non-teaching staff are listed below in relation to this. Welfare measures for teaching and nonteaching staff

Financial support

- **All statutory and Medical Leave for both teaching and nonteaching staff.**
- **Maternity leave for eligible members of faculty**
- **Advances for festivals**
- **Fee Concession for the wards of the teaching and nonteaching staff**

- **Hostel and mess facilities at affordable cost**
- **Sponsorships for publications and conferences**
- **Transport services are available for both teaching and nonteaching staff.**

Academic support

- **Internet and WiFi for all the members of staff**
- **Skill development and FDP for Effective Teaching and Learning**
- **Summer and Winter Vacations for Eligible Faculty Members**
- **The library subscribes to journals and magazines to support the research activities**

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1UK4PAeduD5J2eIgYYKreInsFanxp9HRD/view?usp=drive_link
Upload any additional information	View File

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

50

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training 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

43

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	[View File](#)
Upload any additional information	**No File Uploaded**
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

76

File Description	Documents
IQAC report summary	**No File Uploaded**
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	[View File](#)
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

Faculty Performance is evaluated yearly by the Principal, Dean of the Institution and the HOD for every Academic year with the use of an Appraisal Form consisting of the following:

Teaching and Learning Process:

Details of theory subjects and laboratory classes handled, Final year Projects guided, Students online feedback, Course file details, Syllabus coverage, Innovative methods/Technology utilization in course delivery, NPTEL online course pursued

Contribution to the department:

Member of dept. committee, Coordinator of dept. level committee, workshop or hands on training program conducted for the students, developed teaching aids/models/gadgets for lab, Sabbatical/ Summer training undertaken

Contribution to the Institution:

Funded R & D / Consultancy projects obtained, R & D proposals submitted, Patents filed, any other work rendered at institutional level

Overall Assessment of the faculty member is done by the HOD based on faculty's willingness to accept responsibilities, adhering to deadlines, quality of work, team work etc.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1IiyclJ ZZpK8zvSqCy3o010fK8QZRqp2y/view?usp=dri ve_link
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 institute has a well-defined mechanism to monitor

effective and efficient utilization of available financial resources.

The major financial decisions are taken by the Governing Body (GB).The institute has a mechanism for internal and external audit. Internal audit is an ongoing continuous process.

In addition to the external auditors to verify and certify the entire Income and Expenditure and the Capital Expenditure of the Institute Qualified Internal Auditors from external resources have been permanently appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions.

An external audit is also carried out on an elaborate way on quarterly basis. The institutional accounts are audited regularly by both Internal and statutory audits. So far there have been no major findings / objections.

Minor errors of omissions and commissions when pointed out by the audit team are immediately corrected or rectified and precautionary steps are taken to avoid Recurrence of such errors.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1gX9N4o m8vZpkkKlQcPEmX4-1YwXGJARg/view?usp=dri ve_link
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)

0.06

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

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

We, Jaya Engineering College is a self-financed institution, where the funds are generated through the fees paid by the students. Deficit is managed by taking advance from the parent trust.

Additional funding is obtained through Research proposals, consultancy works from governmental & nongovernmental agencies and industries.

These funds are utilized for the research and laboratory development. The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources for the development of the academic processes and infrastructure development.

Institutional budget is prepared by Accounts department every year taking into consideration of recurring and non-recurring expenditures.

Accordingly, all academic heads are requested to submit the budget required for the subsequent financial year. Along with this all coordinators of different cells viz., R& D Cell, Exam Cell, T&P Cell, etc. are instructed to submit their budget to Account office.

All the major financial decisions are taken by the Principal and finance committee, after discussions the same are finalized. As and when urgent requirements arise it is given after approval is received from accounts office.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1OCUwQLtsq9cl0YmRFddgVtabu6YAZ96Y/view?usp=drive_link
Upload any additional information	View File

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

Our institution obtains feedback in the structured formats from various stakeholders like Students, Parents, Alumni, Faculty, and Employers for continuous refinement.

The institute has developed a closed-loop feedback system for the same with the objective to enrich the curriculum and to improve the teaching-learning processes.

All the feedbacks received are analyzed and consolidated reports are prepared to draw the conclusions. Based on the suggestions received, action taken report was prepared for improvement. The academic audit provides an opportunity for a regular strategic overview of a college's teaching learning process.

The academic audit is carried out once in a year. The academic auditing is being conducted jointly by an Internal Quality Assurance Cell (IQAC) within the college and external academic auditor/auditors appointed by the College.

The IQAC prepares academic audit statements in formats prescribed by the College. The external auditor, appointed by the College, will be a proven academician, preferably Professors or Associate Professors from reputed Engineering Colleges.

The Principal takes necessary action on the observations made by the external auditor and ensures that compliance report is prepared by concerned HOD for further improvement in quality education imparted to students.

File Description	Documents
Paste link for additional information	http://jec.ac.in/iqac/
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

Before commencement of every semester, teachers prepare Faculty Preparation Program which consists of Lesson Plan and other activities to be conducted for the course. A question bank with answer keys is also prepared by the teacher. In this, Course Outcomes (CO) are mapped to Program Outcomes (POs) with appropriate relevance and due justification.

This record called Faculty Preparation Programs reviewed by a subject mentor and by IQAC to ensure preparedness of the faculty to take up the course.

Class Committee meetings are conducted after every IAT exam and concerns expressed are rectified at departmental level. Student performance in every IAT exam is analysed and measures are taken to improve the same are being implemented immediately.

File Description	Documents
Paste link for additional information	http://jec.ac.in/iqac/
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)	**A. All of the above**

File Description	Documents
Paste web link of Annual reports of Institution	http://jec.ac.in/iqac/
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 college ensures gender equality in admissions, employment, training, sports and all other activities. All committees/cells have been constituted as per statuary requirement of UGC/AICTE/University.

Women Empowerment Cell: Women Empowerment Cell takes care of security arrangement for Girl students and Women Staff in the College campus. The members of the cell are all women, consisting of a coordinator, faculty and girl students from each department. Regular review meetings are conducted.

The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) has been implemented in the Institution, which covers all women, irrespective of their age or employment status and protect them against sexual harassment at workplaces

Separate Sports facility, Gymnasium, and Beauty salons. Napkin vending machines Apart from these, every Department of the college has separate Faculty rooms for men and women.

File Description	Documents
Annual gender sensitization action plan	https://drive.google.com/file/d/1IDpNnX 1WsVz5vBATpzml7LrD77GsCMpQ/view?usp=dri ve_link
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://drive.google.com/file/d/11Up5WG XO3TuLNKcD3q3wMoejYujvCkfK/view?usp=dri ve_link

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	**A. 4 or All 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

SOLID WASTE MANAGEMENT

Solid waste is segregated into degradable and non-degradable. All blocks are provided with dry waste collecting bins; waste collected every day is handed over to the concerned authorities.

LIQUID WASTE MANAGEMENT

Liquid waste collected from hostels, staff quarters and food courts are conveyed to the waste water treatment plant. The treated water is tested for its quality and reused for gardening, street washing and landscape irrigation.

E-WASTE MANAGEMENT

Obsolete electronic items such as monitors, computers, batteries etc. are segregated and sold as scrap to the authorized vendors.

WASTE RECYCLING SYSTEM

The waste water originating from the bathrooms and toilets are collected by two-pipe system, where one pipe carries wastewater from bathing, washing of clothes and cleaning and the other one carries human faeces and night soil.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	**No File Uploaded**
Geo tagged photographs of the facilities	[View File](#)

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

A. Any 4 or all of the above

File Description	Documents
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**

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

7.1.6 - Quality audits on environment and energy 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	**A. Any 4 or all of the above**

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

7.1.7 - The Institution has 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.	**A. Any 4 or all of the above**

<table>
<tr><td colspan="2">Provision for enquiry and information :
Human assistance, reader, scribe, soft copies of reading material, screen reading</td><td></td></tr>
</table>

File Description	Documents
Geo tagged photographs / videos of the facilities	**No File Uploaded**
Policy documents and information brochures on the support to be provided	<u>View File</u>
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).

Various initiatives are taken by the Institution for promoting tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic, and other diversities to emphasize harmony and tolerance. Sharing of greetings for the celebration of festivals like Pongal, Christmas, Ramadan, Vijayadasami, Ayudha Pooja, Diwali, and commemorative days like International Women's Day, Mother's day, Labour day through social media is executed.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<u>View File</u>
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 values are inculcated through courses in the curriculum, namely Universal Human Values, Professional Ethics and Constitutions of India. In addition, Yoga programs are

organized to make our students to understand the value of being humane. Through NSS various programs are organized to make the students realize their rights, duties and responsibilities.

Awareness programmes are conducted to make the students to understand the constitutional responsibilities and disseminate to others about importance of voters right and their responsibility in selecting the right government. The constitutional obligation of unity in diversity is practiced in the campus and students are informed about it often.

Students take oath on National Unity Day on October 31st and National Voters Day on January 25th every year. The institution motivates the students to participate as volunteers in election duties to help the government to increase the polling percentage of responsible voters.

The institution creates awareness among student community about how rights and duties play an important role in their professional life in the development of the Nation and on the growth of an organization. Further a graduate's responsibilities during every graduation day are listed out and pledge is administered by the head of the institution.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://drive.google.com/file/d/1pYHqlXcUbP7hShUWODi8XJdh1PWccGKD/view?usp=drive_link
Any other relevant information	Nil

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	A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various 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

Our Institution has students from different parts of India. National and Regional Festivals National and Regional festivals are celebrated with enthusiasm and traditional flavor. The cultural, ethnic and religious diversity in India has given rise to myriad festivals that are celebrated with unparalleled enthusiasm by students of JEC.

National and International Commemorative Days:

We celebrate the republic day with great ardor to recognize the constitution of the country on 26th January 1950. The celebration includes the hoisting of national flag and spreading a warm message of nationalism by eminent personalities. Women's Day is celebrated on 8th March to recognize the women achievers INTERNATIONAL Yoga day is celebrated on 21st June to promote yoga among students. Yoga Practioners and experts are invited to address the faculty, staff and students. On 15th August, we celebrate the Independence Day to emphasize national integration and preserve the rights of an individual and to remember national leaders and their sacrifices. 5th September is celebrated as Teacher's day, the birth anniversary of Dr. Radhakrishnanan, to honour the great services of teachers. 15th September is celebrated as Engineer's day.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	*View File*
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.

Title of the Practice 1

Coding Club

Objectives of the practice To support the students to get basic concept of Programming methods. To encourage the students to Participate in Computer coding competitions To enrich and strengthen the coding literacy To enable logical thing skills To acquire the knowledge for the campus placement

File Description	Documents
Best practices in the Institutional website	https://drive.google.com/file/d/1k2UuZuwyUosu64jzWilvwlx79G2di6--/view?usp=drive_link
Any other relevant information	**Nil**

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

Jaya Engineering College is the forefront runner in providing quality technical education and fostering research progress among the student and teaching community. To nurture the students who have innovative and novel ideas, the research cell in the college provides guidance and support. In turn the students are able to publish their work in high impact

journals and conferences. Few of the innovative ideas are converted into patents. The students also receive financial assistance from the institute in terms of seed money to start their research and development work. Students are mentored to take part in the government initiatives like Smart India Hackathon, etc. The class rooms are equipped with ICT facilities like View Board, projectors. Institute has Institution Incubation Centre (IIC) which actively conducts numerous seminars/webinars for the benefit of the students to make them entrepreneurs.

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

To design the Curriculum with lab integrated courses and design the courses which meets the expectations of the industry.

To foster student centric learning.

To focus more on activity-based learning.

To establish Anna University approved research centers in every department.

To achieve NIRF ranking within200.

To foster Entrepreneurship culture among the students.

To provide foreign language training to improve the placement prospectus.

To promote new ideas and build start-up culture among students and faculty members.

To apply more MOU's with the corporate so that the student will gain more industry flavor of technological knowledge.