YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1. Name of the Institution JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

- Name of the Head of the institution DR S MANOHARAN

- Designation Principal

- Does the institution function from its own campus? Yes

- Phone no./Alternate phone no. 04222636900

- Mobile no 9361488804

- Registered e-mail principal@jct.ac.in

- Alternate e-mail iqac@jct.ac.in

- Address Pichanur, Velanthavalam Road

- City/Town Coimbatore

- State/UT Tamil Nadu

- Pin Code 641105

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 **Dr.V.J.Arulkarthick**

- Phone No. **9080894534**

- Alternate phone No. **8870841430**

- Mobile

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

- Alternate Email address **drarulkarthickece@gmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year) https://www.jct.ac.in/engineering/naac/aqar-report/

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

- if yes, whether it is uploaded in the Institutional website Web link: https://www.jct.ac.in/engineering/about-jct/academic-calendar/

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.05**	**2021**	**24/08/2021**	**23/08/2026**

6.Date of Establishment of IQAC **05/07/2017**

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   4

- 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)

Obtained Feed back from the relevant stake holders on various aspects Curriculum Teaching learning process, Facilities. etc. and actions taken

Initiations to improve the Teaching Learning Process by effective delivery method

Internal and External Audits to monitor and improve over all systems

Initiatives to improve Academic Research

All the departments are encouraged to conduct seminars, workshops, conferences etc.

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

   20-01-2025 09:51:45

Plan of Action	Achievements/Outcomes
Orientation Programme for students and faculties	Beneficial to New faculty and students
Use of Pedagogy based teaching and learning methods	Improved Teaching Learning Process
Examination Reforms	Assessments Carried out as per the standards of Outcome Based Education and questions
Improving academic research	More number of Conferences are conducted; Improved the number of quality publications
Placement initiatives	Improved number of quality placements

13.Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

Name	Date of meeting(s)
Governing Council	11/12/2023

14.Whether institutional data submitted to AISHE

Part A	
Data of the Institution	
1.Name of the Institution	JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
• Name of the Head of the institution	DR S MANOHARAN
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04222636900
• Mobile no	9361488804
• Registered e-mail	principal@jct.ac.in
• Alternate e-mail	iqac@jct.ac.in
• Address	Pichanur, Velanthavalam Road
• City/Town	Coimbatore
• State/UT	Tamil Nadu
• Pin Code	641105
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	Dr.V.J.Arulkarthick

• Phone No.	**9080894534**
• Alternate phone No.	**8870841430**
• Mobile	
• IQAC e-mail address	**iqac@jct.ac.in**
• Alternate Email address	**drarulkarthickece@gmail.com**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.jct.ac.in/engineering/naac/aqar-report/
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.jct.ac.in/engineering/about-jct/academic-calendar/

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Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.05**	**2021**	**24/08/2021**	**23/08/2026**

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Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
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• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
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• If yes, mention the amount		

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

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Placement initiatives	**Improved number of quality placements**

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

- Name of the statutory body

Name	Date of meeting(s)
Governing Council	11/12/2023

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2022-23	15/02/2023

15.Multidisciplinary / interdisciplinary

The JCT College of Engineering and Technology is associated with Anna University and adheres to its curriculum, which combines basic courses and these are incorporated with the humanities, sciences, management, and professional ethics. In order to encourage students to enrol in transdisciplinary courses, valueadded courses are offered. Because it permits students to enrol in courses from different disciplines, an open elective system makes it simple to turn its curriculum into a comprehensive multidisciplinary one. All students enrol in one of the personality and character development programmes, receive instruction in the credit-based NCC, NSS, YRC, and RRC programmes, complete an 80-hour training schedule, and then participate in a camp that provides sufficient exposure to community engagement, service, and environmental education and is value-based towards the achievement of multidisciplinary holistic education. As College is in the process of getting autonomous status, the implementation of Credit transfer for NPTEL/SWAYAM/other MOOC courses is being planned.

16.Academic bank of credits (ABC):

Although the process of ABC implementation is in progress, the students are allowed to undergo a maximum of two online courses, subject to a maximum of six credits. The HOD of the course ensures that the student has not studied such courses and would not repeat them again as a professional core, elective, or open elective course. These courses are also chosen from SWAYAM/NPTEL platform. Academic Bank of Credits is essentially a credit-based, highly flexible, student-centric facility. Our institution has

been in the process of getting approval to apply for registration with the Academic Bank of Credits from statutory authorities such as Governing Council, Academic Council, and university authorities. As College is in the process of getting autonomous status, the implementation of Credit transfer for NPTEL/SWAYAM/other MOOC courses is being planned

17.Skill development:

For the benefit of the students, the Anna University and the Tamil Nadu State Skill Development Corporation jointly run a number of skill development programmes through the NaanMuthalvan and NalayaThiran Schemes. These programmes are held in association with top brands in the sector, allowing participants to develop professionalism-related skills. The institute also offers a variety of value-added courses, making sure that each student enrols in at least two of them before graduating. Almost value-added courses have been offered over the course of the assessment period.

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

Anna University has developed the following courses: 1. Tamil Heritage 2. Tamils and Technology, which enables the students to appreciate India's actual cultural and socioeconomic virtues while understanding and acknowledging the integration of Indian knowledge systems. Faculty members use a bilingual or vernacular style of instruction to help sluggish learners.

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

he framework for outcome-based education (OBE) was implemented in 2015. All three steps of the curriculum development process—teaching, learning, and assessment—have been a part of this process. Batch evaluations of programme outcomes and programme specific outcomes are conducted, and remedial steps are then taken to ensure ongoing quality improvement.

20.Distance education/online education:

As a NODAL Centre for NPTEL and IIT Spoken Tutorial Centre THROUGH ONLINE, the college has been acknowledged. The NPTEL and IIT Spoken Tutorial portals offer courses that students are encouraged to enrol in. In the event, if the student's successfully complete these courses, students can receive more credits.

Extended Profile

1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	**677**

File Description	Documents
Data Template	View File

2.Student	
2.1 Number of students during the year	**1516**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**251**

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	**278**

File Description	Documents
Data Template	View File

3.Academic	
3.1 Number of full time teachers during the year	**193**

File Description	Documents
Data Template	View File

3.2	**193**

Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File

4.Institution

4.1 Total number of Classrooms and Seminar halls	**45**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**1222.67**
4.3 Total number of computers on campus for academic purposes	**581**

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

JCT college of engineering and technology is affiliated to anna university and follows an academic curriculum prescribed by the university. The college undergoes the following methods for effective implementation of the curriculum.

- **Institute academic calendar is outlined adhering to University announced Calendar of Events**
- **Planning and monitoring of overall academic activities and its functioning through IQAC.**
- **HOD allocates the teaching load based on the curriculum to faculty members. Principal conducts a common meeting with all teaching and non-teaching staff before the commencement of every semester. Students are made aware of commencement of semester through common notice.**
- **On the basis of competency matrix, experience and performance in previous years the subject is allocated.**
- **Each faculty prepares their course plan in-line with the departmental academic calendar. Each faculty is prepared course file based on IQAC guidelines. Schedule of internal, external and project examinations are displayed on notice**

board from time to time.
- The curriculum delivery is ensured by supplementing classroom teaching with expert lectures from industry, seminars, mini projects and projects, industry visits, internships, tutorials, e-learning, NPTEL lectures, technical quiz, assignments, internal-tests etc.
- Student's progress can be easily monitored in ERP software.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/1.1.1.pdf

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

Academic Calendar Preparation:

Anna University releases the Academic Schedule for the smooth conduct of theory and practical courses at the beginning of an academic semester. The Dean-Academic headed by the Principal prepares the academic calendar of the Institution based on an academic schedule prescribed by the affiliating university and announced well in advance before the commencement of the semester. The institution strictly adheres to the timelines given by the affiliating university to confirm effective academic practice in all aspects.

Adherence to Academic Calendar:

The head of the department ensures strict adherence to the academic calendar through continuous

monitoring. If any major deviation in the academic calendar, is also discussed in the HOD's meeting with the Principal and corrective action is taken as appropriately needed. The changes/additions/revisions in schedule, question paper pattern, mode of conducting examinations, and other important matters related to academics ordered by the affiliating university are strictly implemented.

Internal Assessment Process:

Each Internal Test for the students will be conducted after the completion of the 1.5 units (6 Weeks) from the start of the academic schedule. The attendance and assessment details are uploaded in the pre-examination monitoring system developed by the affiliating university.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/1.1.2.pdf

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

15

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

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

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

25

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

1920

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

Response:

The Institution believes that integrating cross cutting issues with the curriculum would create positive effect on the student in

terms of their education and societal commitment. Courses in environment and sustainability, human values and professional ethics are offered by the College.

Gender

In order to create increased awareness among students towards gender issues, an awareness seminar on gender sensitization is introduced for the students and is effectively implemented by the women empowerment cell. The aim of gender sensitization program is to bring definite orientation in the thinking practices and approach of individuals concerning gender.

Environment and sustainability

The college conducts neighborhood community activities through our NSS unit. The outstretch activities organized by the College enhance the students learning experiences. Through these activities the students get socialized and learn to think beyond individual interests and for social welfare.

Human values and Professional Ethics

This course help the students to appreciate the essential complements between 'Values' and 'Skills' to ensure sustained happiness and prosperity which are the core aspirations of all human beings. To facilitate the development of a holistic perspective among students towards life, profession and happiness based on a correct understanding of the human reality.

File Description	Documents
Any additional information	No File Uploaded
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

221

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

1082

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://www.jct.ac.in/engineering/wp-content/uploads/2024/04/1.4.1.pdf
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	**No File Uploaded**

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://www.jct.ac.in/engineering/wp-content/uploads/2024/04/1.4.2.pdf

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

479

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

251

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

2.2 - Catering to Student Diversity

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

The first slip test scores for the first year and the prior year university results for the other students are used to separate the

slow learners from the advanced learners. Students who receive 50% on their slip tests and have three arrears are considered advanced learners, while the others are considered slow learners.

Programmes for Advanced Learners:

- They are encouraged to complete mini-projects and compete in project competitions hosted by other institutions/universities.
- They are also trained in the following areas based on their interests in order to improve their placements, competitive tests, and higher education.

- English communication
- Basic computer programming
- Aptitude skills
- Leadership exposure and professional skill development
- Software oriented skills
- Coaching for Competitive examination and Higher studies
- Group I and II examinations
- Department oriented skill developments for placement

Programmes for Slow learners:

- Examine their class attendance and internal exam results.
- Remedial classes are conducted by the subject experts beyond working hours, which is not on their schedule.
- NPTEL video presentation lessons for improved knowledge of vital subjects
- Regular performance contact to respective parents by registered post and messages.
- Instead of learning from books, students in low-performing topics are given short form notes.

File Description	Documents
Paste link for additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C-2.2.1.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
1516	193

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

Course Delivery Methods:

- Lectures and presentations
- Tutorials
- Laboratory exercises, Simulations and experimental exercises
- ELearning: NPTEL Videos, SWAYAM and online resources for self-learning,
- Learning management system(LMS) materials.
- Case Studies, Webinars and Spoken tutorial courses

The institution encourages instructors to employ cutting-edge pedagogical teaching technology, such as audio-visual teaching aids, in their classrooms. Adopting approaches/methods such as seminars, conferences, and special lectures improves student learning.

Invited seminars by professionals from business and academia, as well as add-on courses given by departments, cover topics outside the syllabus and current trends. MOUs are negotiated with key industries to fill curricular shortages.

Interactive Learning Environment:

- It comprises of student contact with interactive e-learning platforms.
- Case study to impart skills and increase student interaction and involvement in the learning process.
- Department Associations organize guest lectures, invited speeches, and student seminars.

Collaborative Learning:

- Through industrial visits and internships, the Institute

also encourages industry-sponsored initiatives and research projects.

- Students are encouraged to engage in project competitions, design challenges, and numerous technical festivals in activity-based learning.

Independent Learning:

- E-learning technologies are available to support autonomous study by allowing students to access course materials online. Thus, e-learning systems bridge the gap between classroom learning and advanced learning.

File Description	Documents
Upload any additional information	[View File]()
Link for additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C-2.3.1.pdf

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

Faculty members employ creative practises to create and distribute e-content to students. Faculty and students have remote access to the institutes' computing facilities. To encourage the use of technology, special lectures, technical discussions, expert presentations by industry specialists, workshops on the newest technologies, and other contests are held on a regular basis on campus. Since outbreak of Covid-19, the institute has upgraded its ICT infrastructure and used video conferencing to smoothly conduct online lectures, examinations, PhD viva, thesis public presentations, faculty meetings, Research Advisory meetings, and Board of Studies meetings.

Faculty members utilised Google Meet or Zoom to conduct examinations and offer lectures. In addition, several interactive ways of teaching, such as PPT with Animations, video clips ,use of NPTEL, Coursera, and YouTube online resources connections, simulation tools, virtual labs, and online assessment tools such as mentimeterQuizz.com, as well as many Cloud portals, etc. WhatsApp groups are used to interact, make announcements, and resolve issues. enquiries, . Faculty have utilised a variety of

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online tools to teach problem-solving courses in an online format.
Whiteboard in Microsoft Teams, Jamboard in Google Meet, and so
forth. Faculty members pre-uploaded materials to Moodle. Online
exams are administered, and e-assignments are given through
moodle.
```

File Description	Documents
Upload any additional information	View File
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

193

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

193

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

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

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

25

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

398

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

2.5 - Evaluation Process and Reforms

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

The Institute is affiliated with Anna University, Chennai, and the norms and regulations for the assessment process are established by the affiliating University and presented to students through syllabus copies provided at the start of their academic programme in the first year. Student attendance are periodically communicated (through SMS) to the parents.

- **Examination answer scripts are provided to students following evaluation to highlight any inconsistencies and bring them to the attention of the instructor in charge, and**

any required modifications are made.

- ○ **Students are informed of the evaluation methods, including revaluation and challenge valuation, as well as the examination pattern of the college and the university, well in advance via circulars and material printed in the college calendar.**

- ○

- ○ **According to the Anna University timetable, student attendance is shown on the notice board in four phases.**
- ○ **Each student's attendance percentage and CIA exam scores are posted on the Anna University online page.**
- ○ **Using their login credentials, the student may examine their attendance and grades, which will also be emailed to their parents.**
- ○ **Students' grades are posted on the ERP website for students and parents to view.**

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/c-2.5.1.pdf

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

- • **Any grievances related to university question paper such as out of syllabus, repeated questions, missed marks, wrong question number during end semester exams are communicated to the principal; after making feedback analysis of university question papers by the subject handling faculties with Department Head, the Principal will communicate to the university; and after resolving the grievances, the university decision or information is immediately communicated to the concernee. It is also communicated to students by class organisers and subject matter experts.**
- • **If a student has any concerns about the evaluation of university response scripts, they should contact the subject handling faculty and, if required, the department chair.**
- • **To maintain openness, students can request a photocopy of their response script and choose for re-valuation/re-totalling.**
- • **Any variation in the awarding of marks shall be addressed and corrected as soon as possible by the subject handling**

faculty. The students acknowledge the response scripts, which are subsequently collected and maintained by the subject managing faculty. If revisions are made, the subject matter faculty will countersign the work.
*   The finalised mark is then entered into the ERP.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/c-2.5.2.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.

*   Programme Outcomes are narrower statements that describe what students are expected to know and be able to do by the time of graduation. These relate to the skills, knowledge and behaviours that students acquire through the Programme.
*   The CO's for each subject and PO's framed by the department faculty are made known to all the students and the institute assists the faculty members to achieve these objective by proper supporting systems.
*   Projects are reviewed by industrial experts to oversee whether they are in tune with the learning outcomes. The importance of employability is insisted as one of the main learning outcomes.
*   Apart from these stated outcomes, institute defines its own COs for different activities. Institute takes due care for informing POs and COs to all the stake-holders.
*   POs and COs for all programs and courses offered by the institution are displayed in the institute website for reference of all stakeholders.
*   Faculty members refer the syllabus to understand POs and COs thoroughly before delivering the courses to students.
*   Induction programs help the students to understand the POs and COs.

*   Reviews of these POs and COs are taken by the stakeholders and suggestions are discussed in meetings. Revisions are done wherever required.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2022/12/2.6.1.pdf
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.

The CO assessment for each course is done by individual faculty member and assessed by the Academic Coordinator at the end of the semester. The assessment process has the following 2 methods.

1. Direct Assessment

2. University Examination

The course outcomes are written by the respective faculty member using action verbs of learning levels. Then, a correlation is established between COs and POs in the scale of 1 to 3, 1 being the slight (low), 2 being moderate (medium) and 3 being substantial (high). A mapping matrix is prepared in this regard for every course in the program. As per Anna university regulations and academic schedule, three internal assessment tests are conducted, test papers are evaluated .In each course, the percentage of students who achieve a set target (usually, 50% of the maximum marks,) in each course calculated and that value decides the level of attainment of Cos.

Attainment Level 1: if up to 60% of students secured more than 50% marks

Attainment Level 2: if 61 % to 79% of students secured more than 50% marks

Attainment Level 3: if 61 % to 79% of students secured more than 50% marks

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C-2.6.2.pdf

2.6.3 - Pass percentage of Students during the year

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

180

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	**No File Uploaded**
Paste link for the annual report	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C-2.6.2.pdf

2.7 - Student Satisfaction Survey

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

https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C-2.7.1.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

0.15

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

4

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

2

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

3.2 - Innovation Ecosystem

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

Our educational institution has a research committee that meets on a regular basis to monitor the progress of research conducted by

faculty, research investigators and students.

Once every six months, the research committee analyses the institution's research efforts and takes the appropriate actions to address the challenges encountered by the researchers.

Summary of the recommendations made by the research committee is as follows.

The institute has created an ecosystem for Research and Innovation by recruiting & developing desirable human resource, taking initiative for creation & dissemination of knowledge and establishing state of the art infrastructure.

- Promoting Innovation: The College has created an Institutional Innovation Council (IIC) and Entrepreneurship Development Cell (EDC) for promoting innovation & entrepreneurship activities. The formation of IIC is as per the guidelines of MHRD & AICTE. The outstanding project ideas are identified for commercial product development or submission to agencies for research funding.

Center of Excellences: The faculty and students are encouraged to take up research & developmental activities by utilizing the existing resources such as Cisco Laboratory, IPCS Automation Laboratory, Messers Laboratory, Advanced Surveying Laboratory have helped our students to develop necessary skills and innovative projects in various domains.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C3.2.1.pdf

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

87

File Description	Documents
Report of the event	View File
Any additional information	View File
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

8

File Description	Documents
URL to the research page on HEI website	https://www.jct.ac.in/engineering/research/
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

43

File Description	Documents
Any additional information	No File Uploaded
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

53	

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

The college organizes a number of extension activities to promote institute-neighbourhoodècommunity to sensitize the students towards social needs. Our students participate in social service activities. The college has National Service Scheme and Youth Red Cross.

NSS organizes a residential seven day camp in nearby adopted village and several activities were carried out by NSS volunteers addressing social issues which include cleanliness , tree plantation, water conservation.

Various awareness programmes, Blood donation camp, Health check up camp, Eye check up camp, etc are being conducted by YRC. In addition to social service these units aim at developing qualities of leadership, patriotism, maintaining discipline, character building, spirit of adventure and the ideal of self service.

Also these units organizes various activities like Road safety awareness, Save fuel save country programme, Swachhta Abhiyan , National equality awareness. The NSS and YRC units are set to role model for various departments of the college for shaping students into responsible citizens of the country by making students aware of social issues.

Programmes like Environmental awareness, Personal health and hygiene, Diet awareness, Water management, Waste management, Plastic eradication, Public Transport Utilization, Orphanages visit,Voters awareness, Blood group detection ,Health check -up camps, Blood donation camps, etc. All these mentioned activities have positive impact on the students and to develop student community relationship, and self confidence of students. It also helps to identify the hidden personality of students and to make

them aware about the society well.

File Description	Documents
Paste link for additional information	**Nil**
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

2

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

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

12

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

1776

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
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

546

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
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

21

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	**No File Uploaded**
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.

The JCTCET management provides positive and conducive environment for learning with its lush green with peaceful atmosphere. The management has taken care to provide the required facilities like well lit and ventilated class rooms, spacious laboratories, furnished library and space for various administrative activities.

For better teaching learning process, based on the regular curriculum and extra learning, the infra structural needs are proposed by the heads of the department concern to the principal. The principal presents the requirements to the governing council and management. Based on the recommendations the management develops the necessities.

The laboratories are well equipped with high quality equipments and computing facilities. The library is enriched with good number of books and journals. Space for placement cell, exam cell, common rooms and space for co-curricular and extracurricular activities are provided.

The institute has modern facilities like class rooms enabled with ICT facility, Video lecture hall for NPTL lecture class, fully equipped laboratories, well stocked library with online resource access, 50 MBPS bandwidth internet connectivity with Wi-Fi, computing facility in all the departments and fully connected through LAN, Canteen, Placement and training cell, playgrounds, separate on campus hostels for boys andgirls,

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C4.1.1.pdf

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

JCTCET emphasizes on the overall personality development of students, by the way of motivating talented and deserving sports men and sports women, offering them fee concession and priority in admission.

The institution has indoor games facilities for shuttle badminton, table tennis, carom and chess. The college has playground for outdoor sports activities like Kabaddi, Cricket, Net practice for Cricket, Football, Volley ball, Throw ball, Ball Badminton, Hockey, Handball, Basketball, track and field. The sports students have their practice at 6 a.m. in the morning and 4.30 p.m. in the evening respectively. The college also conducts intra-college sports competitions and merit certificates are distributed to the students on the sports day.

The students are encouraged and provided with all necessary facilities including travelling allowances and dearness allowance to participate in inter university, zonal level and other sports tournaments.

The expressive professionalism is imparted through cultural programs being conducted periodically. The institute has auditorium, with audio facility and about 700 seating capacity. Also, the institute has open air auditorium to conduct cultural functions as part of annual day celebrations. The college also conducts intra- college cultural competitions and merit certificates are distributed to the students on the college day.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C4.1.2.pdf

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

45

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C4.1.3.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)

46.78

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)

JCTCET has library automation software as a module in the DOLPHIN ERP software to regularize the library functions. JCT College of Engineering and Technology central Library follows the open access system, encouraging the students to browse freely all the resources available. Books and standard text books of reputed field which are taught at our college or stocked.

The library provides various services for students such as lending of books journal back volumes, reservation of books, and CDROM and internet services. All the activities are computerised. Congenial and spacious seating arrangement gives a complete study atmosphere in the library, where students can sit and concentrate. The inventory of books helps students to identify the needs and quick reference. It is updated continuously as the new books are added. Books display board has also been provided in the library where students can view interestingly and new clippings directly.

Our library functions after the college hours till 17.30hours, so that the students can remain in library for exam preparation, which leads the students not to carry the unnecessary study materials to their home.

The library has an advisory committee comprising of faculty members of the Institute and librarian.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C4.2.1.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	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)

7.1

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

380

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

Work Station:

580 desktops are available with latest configuration and with LAN connectivity.

Software:

100 genuine windows licenses, with window 7pro and windows XP. We also use open-source operating systems such as Fedora, Ubuntu, Red hat Linux. All windows systems are protected with Sophos end protection anti-virus.48 Laser jet printers and scanners, 3 Xerox work centers are provided across the campus for academic and administrative purposes.

Updates and up gradation:

Updates are maintained regularly through WSUS (Windows Server Update Service) and anti-viruses are updated through the cloud portal. Around 30 desktops with Core 2 Duo, 2GB RAM, 80GB hard disk was replaced with an upgraded configuration of core i3 7Generation 4GB, 500 GB hard disk with LAN connectivity.

WI-FI:

Nineteen (19) extendable Wi-Fi access points are placed in various places like Library, corridors, Labs, hostel, Canteen and outdoor. Wi-Fi access is provided to all the students which is monitored and controlled by SOPHOS Cyberoam fire wall at the IT department for secure content access.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C4.3.1.pdf

4.3.2 - Number of Computers

581

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)

422.64

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts	**No File Uploaded**
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.

The Institute has an established system for maintenance and utilisation of computers, classrooms, equipment and laboratories in the campus. This document provides a framework and an outline on the responsibilities to ensure effective use and maintenance of existing infrastructure facilities.

Site engineer with a team of members monitor the maintenance and cleanliness of the buildings, classrooms, labs, furniture, campus ground, cafeteria and hostel buildings.

Ø In case of any service of equipment, the suppliers and outside

engineers are called on to attend the service work.

Ø Lab assistants under the supervision of the System administrator maintain the computers and accessories.

Ø A maintenance register is kept in office to follow the electrical complaints registered and its rectification.

Ø A separate electrical maintenance team is functioning under senior electrical engineering department faculty to look after electrical maintenance in the campus.

Ø Annual stock verification of laboratory equipment, furniture, library resources and other infrastructural facilities is carried out by various teams.

Ø The institution has efficient housekeeping system consisting of gardeners, sweepers and scavengers. The library management software supported by ERP system is used effectively to manage open access library operations viz holdings in terms of books, journals and other learning materials.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C4.4.2.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

617

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

1192

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

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

File Description	Documents
Link to Institutional website	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/5.1.3.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

320

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

320

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

149

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

6

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

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

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

2

File Description	Documents
Upload supporting data for the same	View File
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.

15

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

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

Various student council and committees have been constituted in

our college to assist the various administrative co-curricular and extra-curricular activitiesfor the smooth functioning of all academic and administrative activities. Each and every student councilhas student representatives as a convener and Monitored by HoD/ Senior faculty. Each Cell/Committee has well defined roles and responsibilities.

S.No

Cell/Committee

S.No

Cell/Committee

1

Department Association Cell

9

Transport Committee

2

Entrepreneurship Development Cell

10

Women Empowerment Cell

3

Industry- Institute Interaction Cell

11

Anti- Ragging Committee

4

Sports Committee

12

National Service Scheme

5

Grievances Redressal Committee

13

RRC,YRC and ECHO Club

6

SC/ST Welfare Committee

14

Alumni Cell

7

Hostel and Mess Committee

15

Literary and fine Arts Committee

8

Discipline and welfare committee

16

Canteen Commitee

Responsibilities:

Ø The students give feedback about the department activities and for the development of college welfare to management through the Principal and HoD.

Ø Giving feedback to the principal for the smooth functioning of

the events like college day, Graduation Day, etc.

File Description	Documents
Paste link for additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/5.3.2.pdf
Upload any additional information	View File

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

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

24

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

5.4 - Alumni Engagement

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

Alumni Association gives financial support to purchase lab equipment's for institution and as well as alumni. They also guide the students through their innovative speeches and carrier guidance.

Name of the Cell / Committee :

Alumni Cell

Convener :

Dr V. Murugesh (HoD/ CIVIL)

Members :

Mr. K. Balachandran(Asst.Prof/CIVIL)

Mr. M. Prabhu (Asst.Prof/MECH)

Ms. K. Kaviya (Asst.Prof/EEE)

Mrs.Thasthin Thaheer (Asst.Prof/ECE)

Mr G. Arumugam(Asst. Prof/PCE)

Ms M.Kirubha (Asst Prof /PE)

Ms K. Rupa (Asst.Prof/CSE)

Ms S. Indu(Asst.Prof/FOOD)

Periodicity of the meeting:

Twice in a month or as and when required.

Responsibilities:

· The alumni association meetings are held to discuss the steps to be taken for the development of the college with regard to industry, institution collaboration and job opportunities.

· These suggestions are conveyed to the college council through the Principal and necessary actions will be taken.

· The Alumni Association seeks to unite alumni with each other and

with current students to share their knowledge and views about the industry.

· To conduct the alumni meet every year.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs)	B. 4 Lakhs - 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

The goal of our institution is to produce industry-ready engineers who can handle the demands of the worldwide market. In addition to teaching leadership, ethics, and respect for others, we also provide students with state-of-the-art and professional training through a strong theoretical basis and hands-on instruction in their fields.

Quality policies and growth in organisations are initiated by the way in which governance, planning, vision, and teacher participation are structured within decision-making bodies that convene on a regular basis.Analysis was done on the feedback and input from stakeholders to improve the quality of the institution.

Every semester, the HOD drafts the academic calendar after conferring with the principal. The principal held regular meetings with department heads and faculty members to oversee student performance and departmental advancement. HOD keeps an eye on things and solicits input to ensure the Department runs smoothly.

File Description	Documents
Paste link for additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C6.1.1.pdf
Upload any additional information	View File

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

Academic heads assign academic power to the Dean of Academics, Vice Principal, and Principal. The relevant HoDs are in charge of the daily operations of each department. With the assistance of the Vice-Principal, the Dean of Academics, and the Examination Cell, the chief superintendent is in charge of commissioning exams.For the system to run smoothly, the principal meets with the coordinators and heads of departments on a regular basis. The meeting's conclusions were distributed to the various departments for implementation. Senior faculty, the placement director, and the administrative officer keep a check on the academic, administrative, and placement operations. Extracurricular and co-curricular activities are within the purview of the department heads. Each academic year's academic extract is created at the conclusion of the preceding one, and the principle will review and approve it. These scholarly excerpts aid in locating resource people for diverse tasks.

File Description	Documents
Paste link for additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C6.1.2.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Chairman, Secretary and Members of the Governing Council urge the need to produce a "Strategic Plan" document for the Institution. Principal have been empowered to develop the institution's strategic plan. The Principal and Management discuss the Strength Weakness Opportunities and Challenges (SWOC) to meet the stakeholder expectations. The Principal, HoDs, and faculty

team meet periodically to discuss JCTCET's plan for moving towards its vision, mission, quality policy and core values.

The implementation plan has all the information needed, including a timeline, budget, and a list of necessary materials and personnel. Departments are essential to the institution's operation. Therefore, Every department works towards its short-, medium-, and long-term objectives as well as its vision and mission. With the backing of the Dean/Principal, the HoD assembles a core team to carry out the department's objective.

File Description	Documents
Strategic Plan and deployment documents on the website	**No File Uploaded**
Paste link for additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C6.2.1.pdf
Upload any additional information	View File

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

The Anna University, AICTE, and UGC regulations are followed in the formation of the Governing Council. The institution's chairman leads the Governing Council. Members of the Shri Jagannath Educational Health and Charitable Trust, professionals from business and academics, Anna University nominees, AICTE directors, Senior Professors in the Department, and special invitees make up this group. The council convenes twice annually. The Council considers, ratifies, and approves management decisions pertaining to funding, infrastructure, hiring professors, research, analysing test results, reviewing service rules and regulations, and expansion initiatives. Our university has established a number of cells and committees to assist the management in efficiently managing all academic and administrative operations.

File Description	Documents
Paste link for additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C6.2.2.pdf
Link to Organogram of the institution webpage	Nil
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	No File Uploaded
Screen shots of user inter faces	No File Uploaded
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

The institution has provided 12 (twelve) days of casual leave (CL), compensatory off (on-duty assignment on public holidays), 15 (fifteen) days of special casual leave, and a maximum of 15 (fifteen) days of on-duty time. Additionally, faculty members are allowed to pursue postgraduate studies while they are employed. After the probationary time is successfully completed, vacation leave is also granted. Faculty members receive financial compensation for publishing their findings in peer-reviewed journals.

The faculty member who is the Principal Investigator of a research project sponsored by national agencies such as UGC, AICTE, CSIR, DST, DRDO, ISRO, DAE, etc. would receive funding from the management up to a maximum of Rs. 500,000/-per year. In the case of consulting projects, faculty members and the university will

split the profits from consulting work 60:40. The institution's portion will be used to improve the infrastructure and laboratory facilities.

File Description	Documents
Paste link for additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C6.3.1.pdf
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

55

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

538

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

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

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

70

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

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

The Faculty Performance Appraisal System is the method used by the university to assess faculty members' performance. Results from final semester exams, journal articles, conference presentations, workshops, seminars, conference organisation, FDPs, SDPs, and STTP

are all given the appropriate credit.

The principal and head of the department in question review the faculty appraisal forms. Based on the findings, the Principal informs management about the faculty's performance, and appropriate action is taken. The HoD/Principal will give advice to the teachers if their performance falls short of expectations, with the goal of improving in the next semester.

File Description	Documents
Paste link for additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C6.3.5.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

The organisation uses an efficient system to audit all of the finances, with a full-time chartered accountant assigned to the role of finance officer. This person validates all of the invoices and vouchers and oversees the fund management. The organisation is equipped with both external and internal auditing systems. The institution is adhering to the vision and purpose statement by preserving financial resources in an effective manner by using some of the best practices.

File Description	Documents
Paste link for additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C6.4.1.pdf
Upload any additional information	**No File Uploaded**

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

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

0

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Any additional information	View File
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

At the start of each academic year, HoDs create budget recommendations after consulting with department workers about the department's requirements. The proposals are then submitted to the principal. After carefully reviewing the budget, the principal suggests that the Management Committee approve it.The Principal has the authority to suggest and grant the necessary funds for different departmental operations and the acquisition of lab apparatus. Qualified and experienced auditors prepare audited financial statements, such as the balance sheet and income and expenditure account.

File Description	Documents
Paste link for additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C6.4.3.pdf
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

The Internal Quality Assurance Cell (IQAC) has played a major role in both the pre-accreditation process and the institutionalisation of quality assurance techniques and procedures to support academic process quality improvements. Our institution's Internal Quality Assurance Cell (IQAC) was established on July 5, 2017. The senior professor in charge of the IQAC cell is joined by professors from every discipline. The cell's goal is to create a system that will enable all stakeholders to actively contribute to quality enhancement through the incorporation of best practices and a quality culture, resulting in a conscious, consistent, and active

improvement in the institution's overall performance at all levels.

By involving students and staff members in creative teaching and learning activities, IQAC has started the process of self-analyzing the state of the MoU, campus placement, teaching pedagogy, and student skill sets. Through an IQAC set up in accordance with standards, the institution periodically assesses its teaching and learning process, operational structures and procedures, and learning outcomes.

File Description	Documents
Paste link for additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C6.5.1.pdf
Upload any additional information	View File

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

Through IQAC, the institution evaluates its methods for teaching and learning. IQAC holds meetings and gathers feedback on ways to enhance the teaching and learning process from parents, alumni, and students. The stakeholders' helpful recommendations are integrated into the teaching and learning process. The governing board approves these adjustments when they are proposed by IQAC members. The heads of all departments consult with their staff members on matters pertaining to teaching and learning strategies in order to improve upon past experiences and send the results to the IQAC cell for additional consideration. At the start of each semester, the academic schedule is approved by the IQAC. All of the semester's events are planned around this.

File Description	Documents
Paste link for additional information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C6.5.2.pdf
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of	A. All of the above

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)

File Description	Documents
Paste web link of Annual reports of Institution	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C6.5.3.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
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 Institution's primary goal is to develop students as independent individuals who excel in their chosen field, possess a strong commitment to continuous learning, demonstrate effective communication skills, embrace diverse cultures, uphold social responsibility, understand and fulfill their social and civic duties, prioritize gender equality, and prioritize safety and security, including a zero-tolerance policy towards sexual harassment. Additionally, the institution promotes education that is sensitive to the needs of various societal groups, particularly emphasizing gender equality and sensitivity. Efforts are made to maintain gender balance among faculty members, and closed circuit cameras are installed to monitor the safety and security of female students. The institution also organizes annual celebrations for International Women's Day, inviting inspiring women to share their life experiences. Grievance redressal is facilitated through the installation of complaint boxes in campus. There are dedicated cells for the prevention of sexual harassment and women's empowerment, and lectures on women's safety and empowerment are conducted regularly. Female students are assured of their well-

being, safety, security, and mental health, and are encouraged to approach any Women faculty member with any concerns they may have.

File Description	Documents
Annual gender sensitization action plan	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C7.1.1.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C7.1.1.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	**A. 4 or All of the above**

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 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:

To guarantee that there are no plastic items or other waste that harms the environment on campus, the department takes all required steps. Every evening, dry waste dumpsters are emptied from all departments and classrooms. The campus is kept clean and green by sorting garbage from dumpsters at other key sites.Solid waste management: Solid waste transport and mixing arrangementsare in placefor Conversion to manure.

Liquid Waste Management

Each campus building is equipped with a drinking water system. Drinking water waste is minimized with careful observation.Waste

water is appropriately drained off campus to preserve its flora
and create an aesthetically pleasing atmosphere for the
environment.

Every building on campus has an appropriate drainage system set up
for E- Waste Management.

All electronic trash, including junk laboratory equipment, hard
drives, and rejected CPUs, is sold on the open market. Since
printer cartridges are replenished through outsourcing, e-waste
has been managed on campus.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
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 5. Landscaping	A. Any 4 or All of the above

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	No File Uploaded
Certificates of the awards received	No File Uploaded
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	View File
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	View File

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).

The institution offers a welcoming atmosphere for all people that values peace and tolerance towards differences in language, culture, location, community, socioeconomic status, and other areas. Harmony amongst people is promoted by the various sports and cultural events held inside the campus. In addition to several regional celebrations like Onam and Pongal, the college observes commemorative day such as an International Women's Day. People from various ethnic and cultural backgrounds are able to interact positively as a result. There are many grievance redressal cells inside the institute, such as the Women's and Student's grievance redressal cells. These cells handle grievances without taking into account the racial or cultural background of any individual. Each member of the institution's staff, professors, and students are required to abide by different codes of ethics, regardless of their cultural, linguistic, communal, socioeconomic, or other differences. The institution seeks to improve oral health care for the community as well as for its patients. For the convenience of patients, buses go frequently from the college to the institute. In order to give children with preventative and interceptive dental therapy, school camps are also planned for oral screening. The goal of the tobacco cessation cell is to raise awareness, treat the underprivileged as needed, and refer them to other resources as needed. Patients are given access to all of these services regardless of their financial status, race, gender, or caste.

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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	View File

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

Apart from providing a solid academic basis for its students, JCTCET takes pleasure in its continuous endeavours to shape its members into more capable members of the national community. In this way, in addition to offering professional legal education, the institute fosters a sense of community among the student body through a range of practices and programmes. Planning activities that inspire students to exhibit a variety of behaviours in support of our nation's "Unity in Diversity" has long been a practice across many faculties. The college ensures that all of these events are participated in with great passion by the students. 1. National Identities and emblems: The College has continuously worked to increase public awareness of various national emblems and identifiers through direct and indirect initiatives.

2. Fundamental Duties and Rights of Indian Citizens: The faculty of several departments has planned a range of recreational and academic activities to promote the Fundamental Duties and Rights of Indian Citizens. 3. Constitutional Obligations: JCTCET has arranged student-focused events, such as essay, poster, and paper competition presentations at the yearly Synergy event, among others. These events have regularly drawn a sizable number of student participation and improved their comprehension of a wide range of aspects of Indian citizenship.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C7.1.9.pdf
Any other relevant information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C7.1.9.pdf

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	No File Uploaded
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	View File

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

The organisation fervently and joyously commemorates Days of National Importance such as Republic Day and Independence Day. Great persons' anniversaries of birth and death, as well as significant national and international events, are also deeply observed. The organisation honours these significant national holidays to remember past occurrences or the role our leaders had in founding the country. The following national holidays and anniversaries of notable Indian figures' births and deaths are observed by our institute: Teachers Day, Pongal Celebration, Women's Day Celebrations, Christmas Day and Independence Day, Onam Celebration, Republic Day, World NSS Day, Energy Conservation Day and Engineers 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	View File

7.2 - Best Practices

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

Project-Based Learning (PBL) stands as a potent educational method fostering active engagement, critical analysis, and adept problem-solving capabilities. Our goal is to equip students with the prowess demanded by today's fiercely competitive landscape and bolster their employability. Being industry-ready implies possessing the adeptness to tackle challenges head-on and unearth optimal solutions to intricate dilemmas. The resolution of highly intricate issues necessitates the cultivation of 21st-century proficiencies: critical thinking, problem-solving, research acumen, cognitive agility, emotional intelligence, effective time management, and adept information synthesis, robust communication skills for both interpersonal interaction and professional presentations, alongside proficiency in leveraging modern technological tools. These competencies are indispensable for confronting hurdles and unraveling complex puzzles. Our institution fosters an environment conducive to real-world learning experiences, facilitating triumphs in project competitions, Hackathons, symposiums, and publications, enabling students to thrive and excel.

BEST PRACTICES-II SKILL DEVELOPMENT TOWARDS EMPLOYMENT

1. The Ingenious Power & Control Systems laboratory facilities are available at JCT College of Engineering and Technology.
2. Entrepreneurship and employability skills are being honed through partnerships with Messers Cutting Systems, IPCS Automation, and CISCO.
3. Leveraging its extensive industrial experience in the automation sector, IPCS and CISCO conduct various training programs.
4. Messers Cutting Systems, IPCS Automation, and CISCO provide

students with exposure to the latest technologies.

File Description	Documents
Best practices in the Institutional website	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C7.2.1.pdf
Any other relevant information	https://www.jct.ac.in/engineering/wp-content/uploads/2024/04/C7.2.1.pdf

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

- **Students and Faculty members are from TamilNadu and Kerala, since the institution is located in the border of two states.**

- **Special programmes like Food Technology, Petroleum Engineering and Petrochemical Engineering, Biotechnology and Biochemical Engineering, Artificial Intelligence and Data Science and Computer Science and Business system are being offered.**
- **Four programmes are NBA accredited and also the institution is accredited with A grade in NAAC.**
- **To substantiate the vision of the college, that is to promote quality education and employment to all.**
- **The management motivates the Principal, HOD's, Staff and Students towards achievement of the stated vision and mission.**
- **Management discusses in its regular meetings about the academic, administrative plan, policies and implementation.**
- **The college accomplishes all the requirements of department's infrastructure, library, building and extension activities.**
- **Management offers concessions to economically poor students and scholarships to students.**
- **The institution suggests adopting innovative teaching and learning methodologies to enrich students' knowledge experiences. Students benefit from high-quality education delivered through in-house training, seminars, workshops, guest lectures, and value-added courses.**

Students are urged to acquire certifications from online courses like NPTEL, Coursera, Udemy, etc., to cultivate self-learning abilities and augment their academic understanding of cutting-edge subjects.

- To recognize exceptional staff members, the College has instituted the Staff Recognition Awards. These accolades will be bestowed based on various criteria, including published journal papers, completion of NPTEL Courses, achievement of 100% results, and more. Winners will receive a cash award along with a congratulatory letter from the Management.

File Description	Documents
Appropriate web in the Institutional website	[View File](#)
Any other relevant information	[View File](#)

7.3.2 - Plan of action for the next academic year

1. To achieve Autonomous status for the institutional development.
2. Our goal is to enhance the Research and Development activities of our Institution, with the aim of establishing dedicated research centers for select departments.
3. Our objective is to attain a high NIRF ranking and promote overall institutional growth and development.
4. To establish the centre of excellence in thrust areas.
5. To improve academic progress working towards NBA accreditation for eligible department at the earliest.
6. To enhance the infrastructure of sports facilities.
7. We aim to expand our engagement in societal activities through the active participation of the National Service Scheme, National Cadet Corps, Women Empowerment Cell & Posh cell, and the Red Ribbon Club.