YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	Jansons Institute of Technology
• Name of the Head of the institution	Dr. Nagarajan V
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04212264900
• Mobile no	9715542000
• Registered e-mail	info@jit.ac.in
• Alternate e-mail	principal@jit.ac.in
• Address	Jansons Institute of Technology, Karumathampatti
• City/Town	Coimbatore
• State/UT	Tamil Nadu
• Pin Code	641659
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**
• Name of the Affiliating University	**Anna University**
• Name of the IQAC Coordinator	**Mr. Davis Hans S J**
• Phone No.	**04212264900**
• Alternate phone No.	**9750053222**
• Mobile	**7811858855**
• IQAC e-mail address	**iqac@jit.ac.in**
• Alternate Email address	**s.j.davishans@jit.ac.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	http://jit.ac.in/iqac_rep.php
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	http://jit.ac.in/calendar.php

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B+**	**2.69**	**2022**	**18/01/2022**	**17/01/2027**

6.Date of Establishment of IQAC	**06/01/2016**

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
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	2	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	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)

Assessment and Accreditation by National Assessment and Accreditation Council were successfully started by submitting Institutional Information for Quality Assessment (IIQA) and Self Study Report (SSR) to NAAC.

Quality Management System ISO 9001:2015 surveillance audit was successfully completed virtually due to the pandemic and certification is valid till 21 August 2022.

Academic activities including theory laboratory courses were conducted effectively in virtual mode during the pandemic using JiT eEDU - Learning Management System's web conferencing services and virtual laboratories. Apart from regular academic activities virtual certificate courses (Industry Readiness Courses), virtual internships, virtual guest lectures, webinars, JIT-CQT (Career Quotient Test), and extracurricular activities like JIT-UTSAV (talent and cultural program) were conducted.

Innovation and research activities were conducted in spite of the pandemic. 21 patents were applied and a 3-star rating for innovation activities was earned by Institution's Innovation Council. Extension and outreach activities were conducted virtually.

The Institute effectively participated in AICTE initiatives such as ATAL FDP, Energy Literacy Drive, Fit India Movement, etc., and also implemented Exam Reforms Policy, Internship Policy, Student Induction Program, and Universal Human Values Course.

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

Plan of Action	Achievements/Outcomes
Curricular enrichment in the field of emerging technology	18 Industry readiness courses offered in the domain of emerging technology and idea generation for innovation. And various guest lectures and webinars were organized.
Improving Student Enrolment and enhancing students' learning experience	96.66% student enrolment in the academic year 2020-2021. Student Induction Program and course on Universal Human Values were offered for the first-year students
Catalyzing innovation and research culture in the institution	The Institution's Innovation Council has earned a 3-star rating from MoE's Innovation cell. 25 technical papers were published in peer-reviewed journals and 25 technical papers were published in national and international level conferences.
Improving students' success in academics and starting a career	99.6% of students graduated in the academic year 2020-2021. 93.07% of students were placed in the academy year 2020-2021.
Enhancing extension and outreach activities along with co-curricular and extracurricular activities	12 extension and outreach activities were organized during the academic year including virtual awareness programs and quiz on various cross-cutting issues during pandemic.
Knowledge enhancement of faculty and staff	18 faculty members were trained in Universal Human Values for mentoring. 21 patents were filed during the academic year. 15 faculty and staff development/administrative training programs were organised.

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

- Name of the statutory body

Name	Date of meeting(s)
Governing Council	**26/03/2022**

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020-2021	**29/03/2022**

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**313**

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

2.Student

2.1 Number of students during the year	**951**

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	**135**

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

2.3 Number of outgoing/ final year students during the year	**289**

File Description	Documents
Data Template	View File

3.Academic

3.1 Number of full time teachers during the year	**98**

File Description	Documents
Data Template	View File

3.2 Number of sanctioned posts during the year	**98**

File Description	Documents
Data Template	View File

4.Institution

4.1 Total number of Classrooms and Seminar halls	**51**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**221.02**
4.3 Total number of computers on campus for academic purposes	**424**

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

Curricular Planning

Jansons Institute of Technology is affiliated to Anna University and follows outcome based education with Choice Based Credit System. The syllabuses for all programs are provided by Anna University. The Department Academic Council(DAC) reviews the syllabus and recommends academic plans. Academic calendar is released based on the academic schedule released by Anna University prior to commencement of semester.

Electives are opted by students and course allocation is made based on the faculty preference and specialization. Class, Faculty and laboratory timetable are released along with faculty workload. A course committee is formed when a course is offered to more than one department to ensure uniform and effective delivery of curriculum across all classes.

Curriculum Delivery

The faculties prepare a detailed course delivery plan(CDP). Lecture notes for all courses are made available to students in JiT eEDU LMS. The quality of the curriculum delivery and completion of syllabus is effectively monitored by class committee meetings, student feedback, mentor ward meetings, course committee meetings and HoD.

End semester question papers are reviewed and suggestions/ recommendations for further improvements are made available for subsequent semesters for followup. An end semester audit is conducted to review and ensure the quality of academic activities

File Description	Documents
Upload relevant supporting document	[View File]()
Link for Additional information	http://jit.ac.in/aqar/C1/1.1.1.pdf

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

Jansons Institute of Technology(JIT) follows the Anna University(AU) academic schedule which has:

- Commencement of classes
- Last working day
- Commencement of University Practical Exams
- Commencement of End Semester Exams

- And tentative reopening date for the next semester.

Anna University also releases an assessment schedule. Attendance and CIA test marks are uploaded in Anna University Pre-Examination Monitoring System(web portal) as per the given assessment schedule.

- First assessment period - attendance
- Second assessment period - attendance & CIA-I test mark
- Third assessment period - attendance & CIA-II test mark
- Fourth assessment period - attendance & CIA-III test mark

Based on this information, the academic calendar is prepared coherently with the Anna University(AU) academic schedule and assessment schedule and with the recommendations of GC, IQAC, DAC of all Departments and then released by the Principal through the exam cell. The academic calendar is displayed on the college website, LMS and displayed on notice boards.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	http://jit.ac.in/calendar.php

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

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	[View File](#)
Any additional information	[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

6

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)

18

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

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

655

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

1.3 - Curriculum Enrichment

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

The curriculum provided by the University integrates the environmental issues, technology and innovations towards sustainability, imparting the knowledge about ethics and human values in their professional career and nation building. In addition to the curriculum the institution inculcates professional ethics, gender equity, human values and sustainable environment through various club and professional society through experiential activities.

The curriculum includes courses like Environmental Sciences and Engineering, Municipal Solid Waste Management, Hospital Waste Management, Renewable energy sources, etc. which provides the value of the preservation of the environment and technological ideology for moving towards a sustainable future.

The Internal Women Caring Cell (IWCC) ensures in spreading the importance of gender sensitiveness, prevention of sexual harassment and importance of women in integral growth of the society. Various initiatives are taken by the club such as organising events on remembering eminent women personalities. The institution promotes women to be entrepreneurs through Entrepreneurship Development Cell (EDC). EDC organizes awareness camps, in which female students are actively involved.

As a part of curriculum courses like Professional Ethics, Principles of Management, Total Quality Management and Universal Human Values are offered and these courses sensitize students about their role in society.

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

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

98

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

433

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	http://jit.ac.in/feedback.php
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may **A. Feedback collected, analyzed**

be classified as follows **and action taken and feedback available on website**

File Description	Documents
Upload any additional information	[View File](#)
URL for feedback report	http://jit.ac.in/feedback.php

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

290

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

84

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 Students Induction Programme is offered to first-year students in English, Computer Science, and Advanced Technologies and is held to appeal to students from various backgrounds. All of these courses emphasise active learning. A bridge course in mathematics is

organised for lateral entry students who are lacking in mathematics concepts.

The first semester students are classified as slow learners based on their mathematics grades in HSC Exams, special coaching is provided to the CIA Exams. Slow learners and advanced learners are classified in higher semesters based on their performance (Grades) in university examinations. Slow learners receive additional instruction prior to each Internal Assessment Exam in order to improve their learning abilities.

The Institution student mentoring process, ascertains, the academic progress of both Slow and Advanced Learners effectively apart from tracking mentees attendance, academic needs, personal behaviour and other needs.

Advanced Learners have to do NPTEL courses and to participate in technical events conducted at on/off campus and to update/gain knowledge on current emerging technologies. Students also compete at the national level contests like the Smart India Hackathon. All of these activities are open to interested slow learners as well as advanced learners.

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/c2/2.2.1.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
951	98

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

Experiential learning, participatory learning and problem-solving methodologies are emphasised at our institute. All of these

approaches are covered in the required curriculum seminars/case studies and mini-projects/project work.

Experiential Learning is used in about 33% of lab-based courses each semester, assisting students in obtaining information on a topic by doing experiments and understanding the results. The project phase demonstrates experiential learning: Each student visualises a concept and formulates the idea after getting review comments.

Tutorial classes are part of numerically based courses. The tutorial lessons are scheduled as part of the course delivery, and students participate individually or in groups to solve issues, case studies, and other tasks. Along with all of the student-centred strategies outlined above, students participate in internships, in-plant training, and industrial trips to put what they've learned in class into practice.

These activities also help them prepare by exposing them to real-world industry scenarios and work cultures. The institution hosts symposium, conferences and project competitions to demonstrate student's technical, interpersonal, and leadership abilities in real-world circumstances.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	http://jit.ac.in/aqar/c2/2.3.1.pdf

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

ICT Enabled Classroom

All the Classrooms, Seminar Halls, CC-Labs at our institutions are ICT enabled comprising LAN/WiFi capabilities, LCD projectors, pointers and fixed/portable speakers.

Learning Management System (LMS) throw Blended learning, self-paced learning, flipped classroom and other e-learning content is delivered to students powered by JIT Edu. The Students and faculty members can use the service through web browser.

Faculty members post video contents to demonstrate concepts as part of course delivery and also create interactive content for courses

through flash or SCROM package, Screen casting, Chat board and
Teleconferencing (JIT Open Meetings). To match up with the rising
trend of m-learning (mobile learning) as a form of e-learning all
students can access the learning content in their mobile using LMS
mobile app.

In the academic year 2020-2021, JIT was effectively prepared for
online classes during the pandemic by using ICT technologies through
JIT Edu, which was run by faculty members in place of physical mode
classes.

JIT Cloud offers personal cloud storage to all faculty members and
students for storing and sharing files.

JIT IaaS (Just-in-Time Infrastructure as a Service) is a type of
cloud computing that offers virtualized computer resources for
private use over the internet or a private network.

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

64

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

98

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

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

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

24

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

669

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

Theory Courses

During the semester, three CIA tests, each worth 50 marks and lasting 90 minutes, are given and converted to a total of 100 marks. The total number of marks earned across all tests is 300 and 20 marks are deducted proportionately.

Laboratory Courses

To arrive at a score of 20 on the Internal Assessment, the following elements were considered: Students will gain 75 marks for successfully completing all of the laboratory experiments, as well as 25 marks for the model practical examination.

Theory Courses with Laboratory Component

The first two tests (each worth 100 marks) cover the theory sections, while the third test (with a maximum of 100 marks) covers the laboratory section. The first two test's total marks are decreased to 60, while the third test's total mark is cut to 40. The total of these 100 marks is then converted to 20.

Project Work

A single student or a small group of students (no more than 4) completes the project. The project is evaluated by a review committee. The review committee conducts four reviews throughout the semester. The zeroth review is used to complete the project and is not used to determine internal grades.

File Description	Documents
Any additional information	View File
Link for additional information	http://jit.ac.in/aqar/c2/2.5.1.pdf

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

The CIA tests are administered by the exam cell in accordance with the academic calendar and the Anna University academic schedule. The test schedule is available on the college website, and the question paper and answer key, along with the scheme of evaluation, are evaluated by the Head of Department before being forwarded to the exam cell by the department exam cell coordinator.

- A class committee meeting is conducted before all CIA tests to discuss class activities along with exam related grievance.
- Syllabus coverage for internal test
- Difficulty in understanding of any courses and extra support
- Previous test performance in case of second and third review

The university portal entry report which contains the marks scored by individual students and attendance for the particular assessment period is prepared by class advisor, verified by course faculty and approved by Head of Department and the Head of the Institution.

Mentors inform parents about their mentees general performance, attendance and feedback. By this process the parents were informed about student's CIA performance. As a result, the process of internal evaluation is conducted in perfectly and transparently.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	http://jit.ac.in/aqar/c2/2.5.2.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.

Each department defines Program Outcomes (POs) and Program Specific Outcomes (PSOs) as part of the college's outcome-based education. We avail a consultation process with stakeholders to define the POs and PSOs, which are aligned with the college's and department's vision and mission, as well as graduate qualities.

We follow the twelve Program Outcomes (POs) specified by the National Board of Accreditation (NBA), New Delhi, which must be met by all higher education programmes. The Course Outcomes (COs) for each subject are mentioned in the university syllabus or can be defined by the concerned faculty member in conjunction with other faculty teaching the same subject and the Head of the Department. The POs and PSOs are displayed on Institutional Website (www.jit.ac.in) Department Laboratories and Main Corridors.

PO & PSO can be disseminated to students on the opening day of the semester by their faculty advisor and to the faculty members, non-teaching staff by the Department Head at Department Meetings. The Head of the Department, Faculty, Class advisor, Mentor, Students

during one-on-one sessions and students will communicate to their parent. External stakeholder members get the information from Alumni Cell, Placement Cell via the College Website. Faculty members disseminate the CO to students throughout the course period.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://jit.ac.in/aqar/c2/2.6.1.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 Attainment of Programme Outcomes, Program Specific Outcomes and Course Outcomes are evaluated by two methods.

1. Direct PO & PSO Assessment Process

a. Direct Course Assessment

Internal Assessment: Students are graded on MCQs, assignments, tutorials, quizzes, and other activities. CO is assigned to each question on the Internal Examination question paper. When the Internal Assessment (IA) is completed, the students' CO scores are added together.

External Evaluation: CO is computed by taking 60% of the university examination level and 40% of the IA level into account.

b. Indirect Course Assessment:

The Students provide input on a scale of 1 to 5 in course exit questionnaires.

Final course wise PO and PSO Attainment: For attainment calculations, the average of direct CO - PO attainment data from the CO - PO correlation matrix is gathered for all courses, and Indirect Course Assessment is averaged in 80:20 ratios.

2. Indirect Method for PO and PSO Attainment:

Exit survey for students who will graduate at the end of the eighth semester.

Final Attainment for PO PSO Attainment:

The overall attainment for a batch is calculated by taking into account 80% direct and 20% indirect attainment.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://jit.ac.in/aqar/c2/2.6.2.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

286

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	http://jit.ac.in/reports.php

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)

http://jit.ac.in/sss.php

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)

17.92696

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

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

11

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	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	**Nil**

3.2 - Innovation Ecosystem

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

Jansons Institute of Technology (JIT) has instigated various

measures in promoting research activities and fosters an innovative ecosystem through centers Institution Innovation Council (IIC), Entrepreneurship Development Cell (EDC), Intellectual Property Rights cell (IPR) and other technical clubs' activities.

JIT is one of the approved institutes for IIC by the Ministry of Education (MoE), Government of India. It has developed a "Innovation cell" on campus with the goal of methodically cultivating an innovation culture among students and faculty.

The EDC converts innovative prototypes into marketable products by arranging pre-incubation facilities. He5 solutions and Classfox are the two pre- incubators at JIT. The IPR cell organize workshops on IPR and assists with patent applications. About 21 patents have been published and 5 are granted.

JIT's technical clubs organise hackathons and skill training programmes to help students enhance their skill sets and come up with innovative solutions to real-world challenges.

The institution encourages the teachers to perform research and consultancy work and recognize their contribution towards research. The students are motivated to perform innovations by providing seed funding for their projects.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	http://jit.ac.in/aqar/c3/3.2.1.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

22

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

3

File Description	Documents
URL to the research page on HEI website	http://jit.ac.in/inv_rch.php
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

25

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

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

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

18

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

3.4 - Extension Activities

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

Jansons Institute of Technology through its NSS, YRC and RRC units actively involve the students to do community service through its outreach programs in the neighborhood community. In the Covid pandemic, NSS conducted outreach programs through awareness webinars and quiz competitions through online mode. This instigated responsibility of the students towards community service.

The NSS and YRC volunteers arranged Voter's Day awareness programme and COVID 19 Vaccination awareness Programme were arranged for ChennappaChetti Pudur Village and Semmandampalayam Village people by door to door campaign, around 800 general public were benefitted. Free Medical Mask were provided to the village people to control the spread of Corona by the NSS volunteers. COVID vaccination camp for public and students was arranged and about 500 members were benefitted. The important National days and events like Cyclothon event, Fit India Movement, Swachh Bharath awareness, Jal Sakthi Abhiyan were promoted and students were encouraged to participate. The activities sensitize the students towards community service and enrich their personality.

The NSS volunteers were appreciated by the village people for their good work and Anna University recognised our NSS volunteers work and awarded with best NSS volunteer award during the year 2020-2021.

File Description	Documents
Paste link for additional information	http://jit.ac.in/soc_act.php
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

1

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

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

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

11

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

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

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

117

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

3.5 - Collaboration

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

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

45

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

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

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

5

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The Institution encompasses a well maintained lush green campus spread over 13.61 acres of land ensuring adequate availability and optimal utilization of physical infrastructure for teaching learning activities. The College has a sufficient number of well-furnished, well-ventilated, spacious & fully air-conditioned Lecture halls (classrooms) equipped with LCD projectors and ICT tools to promote Innovative teaching-learning process. All laboratories are well equipped with state-of-the-art equipment's and facilities as per AICTE and AU norms. These labs are utilized for conducting practical classes as per the requirements of the curriculum and also utilized for technology learning & training as a part of teaching contents beyond the syllabus. Labs have sufficient licenced software and open-source tools to cater the requirements of curriculum & industry enabled teaching. The entire campus is Wi-Fi enabled with 24/7 internet facilities to all the stakeholders. The Central Library spans around 558 sq.m with inclusive reading spaces stacking upto 3937 titles covering all major fields of Science and Engineering. The College has a seminar hall used for conducting national / international events and a huge drawing hall with 125 seating occupancy. The Institution renders an inclusive incubation space for student scale-ups to reconcile their studies with their entrepreneurial adventure.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://jit.ac.in/aqar/C4/4.1.1.pdf

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

The College is proactive in providing facilities for students to participate in cultural activities, sports and games in various ways. The Auditorium is a gallery-type seating for 459 persons, with a well-crafted decor, lends a professional touch to this august structure. Every year college organizes an Annual cultural fest where students participate in many cultural activities. The Institution offers bountiful amenities for the students to rivet with the various sports activities like outdoor games such as Basketball, Badminton, Volleyball, Football, Kabaddi, Cricket,

Throwball, Kho-Kho, Handball, Ball Badminton and indoor games like Carrom, Table Tennis and Chess. Every year, sports day is organized to expose the talents of our students. The track and field games like sprints, middle distance, long distance, Shot put, Discus throw, Relays and all the team games are conducted to keep them fit both mentally and physically by a well experienced and qualified physical trainer. The Institution provides well equipped gym in girls and boys hostels to build their stamina and a Yoga Hall with its soothing ambience to shape their energies in a healthy way and also hone their physique. The College has a dedicated music club to train students and excel in composing new tunes.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://jit.ac.in/aqar/C4/4.1.2.pdf

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

38

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://jit.ac.in/itinfra.php
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)

186.47

File Description	Documents
Upload any additional information	[View File](#)
Upload audited utilization statements	[View File](#)
Upload Details of budget allocation, excluding salary during the year (Data Template	[View File](#)

4.2 - Library as a Learning Resource

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

The Institution library acts as an avenue for students to take an educated detour into the world of engineering ideas with an area of 558 sq. m. with 180 seating capacity. An array of print and electronic resources is made available to satisfy the curricular needs of the JIT community. It also houses Digital library with reservoir of electronic book collections, printers and scanners which enables the students to avail the reprographic services. The library is automated through Autolib Library Automation and Management software version 5.1, which acts as an interface for the students to impart knowledge in the emerging area. Autolib software is a fully integrated, versatile and multi-user Library automation software. It keeps track of all information of the library such as Cataloguing, Circulation of books, Report Generation, Acquisition etc. It provides a user-friendly way in searching the books by its advanced search options for easy access of the needed materials through Online Public Access Catalogue to check the availability of books anywhere at any time. The salient features of ILMS include Efficient circulation management system, Transaction alerts through mail and SMS, Book ordering and serial control made simple, Interface to barcode scanners and Online stock verification support.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	http://jit.ac.in/aqar/C4/4.2.1.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)

2.987

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

184

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

4.3 - IT Infrastructure

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

The Institution has massive information technology facilities including the internet connection with 100 Mbps bandwidth spread over the campus to have the hassle-free internet connection and they are updated frequently whenever there is a demand. The Wireless Fidelity across the institution are enabled through the deployment

of secured 802.11 based wireless access points with centralized authentication to allow secure network access through laptops and Wi-Fi enabled devices. The IT infrastructure and resources are updated and upgraded continuously as per the requirements and changing technology. All the IT resources and content are available to all the faculty and students from their desk as well as anywhere-anytime over internet & campus network. These facilities are offered by JiT eEDU which hosts (in-house) Clusters of Linux servers to provide services such as Moodle@JiT eEDU (Learning Management System), Centralized Cloud Data Storage, AutoLib ILMS, etc. These services are connected with Internet via 100 Mbps Leased Internet Connectivity (Airtel) and inside the campus via Campus Area Network, interconnected with high-speed Ethernet links operating over optical fiber and Gigabit Ethernet. Network is also secured using Sophos Firewall (NAT) through which all data transfers into internet.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://jit.ac.in/aqar/C4/4.3.1.pdf

4.3.2 - Number of Computers

382

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)

191.71

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The Institution cultivates established systems and procedures for maintaining and utilizing all the facilities. Maintenance of network infrastructure & IT related equipment's are taken care of by System Manager and his team. Laboratories are maintained on the basis of regular monitoring of stock verification and servicing will be done if required. The librarian is in-charge for handling all the maintenance works required in the library through maintenance staff. Regular swabbing of the library sections, regular cleaning of the racks, up keeping the quality of the books with needed binding are in place. Pest control of library books and records is done every year by the maintenance department.

The Sports officer takes responsibility for all repairs pertaining to sports equipment and maintenance of courts with the help of the maintenance staff. Maintenance of buildings and physical resources like lecture halls, labs, seminar halls, auditorium, hostels etc come under daily maintenance which are undertaken by the Campus Manager and his team. This team looks after the regular maintenance of civil works, painting, carpentry, plumbing and house- keeping.

Adequate in-house staff is employed to meticulously maintain hygiene, cleanliness and infrastructure on the campus so as to provide a congenial learning environment.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	[http://jit.ac.in/aqar/4.4.2.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

291

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

69

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	http://jit.ac.in/skills_enh.php
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

448

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

448

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

242

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

12

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

5

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

2

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 univer sity/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)

Jansons Institute of Technology provides ample opportunities for developing technical skills, updating knowledge, and personality development, through various associations, club activities, and

societies functioning in the campus.

Administrative activities

Student representatives are involved in DAC, IQAC, Department Associations, Class Committee meetings, Societies, Hostel, Anti-ragging committee, and Anti Ragging squad. Anti-ragging committee student members are aware of regulations and contribute significantly for effective compliance. Students take responsibility in organizing various state and national level technical and non-technical events after approval from the respective Heads/Coordinators. Students are actively involved in Chapters of Professional Societies in all disciplines and represent themselves and the institution at various levels.

Co-Curricular Activities

Students are given opportunities to voice out their views through debate programs conducted by Tamil Mandram, a student's club. ARCRA club and Music club facilitate the senior student members to address the first-year students and make them involved in various activities to explore their talents.

Extra-Curricular activities

Students play the role of house captain in Jansons Sports Club (JSC) which conducts Sports Day every year. Students are active volunteers in NSS, YRC, and RRC through which they involve themselves in community services.

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/c5/5.3.2.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

16

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

Alumni Association of Jansons Institute of Technology(JIT) has provided great opportunities for Alumni to share their experience of a well equipped and inclined learning environment to the juniors about the Institution. It provides an interface for establishing a link between the alumni, faculties and students. It was initiated in the year of 2014.

Contribution of Alumni

Most of the alumni are well placed and are successful in their careers as Entrepreneurs, Employees in various levels, doing post-graduation courses, skill developers, etc. Alumni share their views with their juniors and give their suggestions towards the betterment during Alumni meet. Many of our alumni are serving in various countries in pursuit of either higher studies or employment. Alumni interactions help juniors to get useful awareness about the opportunities and challenges ahead of them. Apart from this, the alumni during their visit to the institution deliver guest lectures on career guidance in their areas of expertise.Alumni Entrepreneurs give preference to their juniors for both internships and job opportunities.About 46 Alumni interactions were organized in the academic year 2020-2021, where alumni include Entrepreneurs and employees of various levels.

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/c5/5.4.1.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)   **D. 1 Lakhs - 3Lakhs**

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 Institution's Governing Council efficiently ensures that its vision, mission, and strategies are carried out. The Institute's GC was formed in accordance with AICTE norms. It is made up of members from management, statutory body representatives,academic expert, eminent professional, and member secretary. All policy-related concerns in the management of the institution are considered and conveyed in the GC, and then communicated to the responsible authorities for implementation.

Department Academic Council is constituted with HOD's, Academic and industrial Experts, Alumni and Parent representative, faculty and student members. Status of action plans, Review of university results/course outcomes/feedback, Certification Courses, Curriculum enrichment activities, Internship/Industrial visit, ICT tools, Mentoring and counseling, Research and Funding activities, Technical events, Extension activities, Research and Publication, Sports activities, Grievances etc... are discussed, approved and communicated to all for implementation.

Perspective Plan

The perspective plan of the institute is to modernize the existing facilities, enhancing teaching learning process, research culture, industry institute relationship, social, moral, environmental awareness, accreditation, to achieve academic excellence.

Participation of the teachers in the decision-making bodies

Participative Decision Making is the most powerful component of the whole management process. The Principal leads the academic and administrative bodies. HoDs along with faculty members are empowered to make the decision for various activities of the department and also various committee members so that they can get involved in decision making.

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/C6/6.1.1.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.

Decentralization

JIT promotes and practices decentralization pattern with its quality policy of decentralized governance in all the academic and administrative activities. It has various academic and administrative committees to monitor the plan and execute the smooth functioning of the Institute. The Governing Council has empowered the Principal for the smooth functioning of all academic activities, intellectual growth and research pursuits. Power and authority are further delegated from Principal to all HOD's of various departments in academic and administrative work.

Participative Management

JIT encourages a culture of inclusive management. There is active engagement in planning and implementation at every level (of the institution, GC, IQAC, the principal, the HoDs, the faculty, the non-teaching personnel, and the students). The academic calendar, as well as the teaching and learning process, are actively planned for and carried out by the faculty. All the cells of the institution has representatives of faculty and students.

Purchase of Books and Journals for Library

The required books are identified by faculty members based on subject allocation prior to the start of each semester or new programme, and other relevant books and recommendations from

students and faculty are handled through LB01 and submitted to the Librarian (after verification by the dept. Library i/c) with the approval of HODs. The Principal's approves, and theorder is placed.

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/C6/6.1.2.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Ensuring quality value-based technical education by Quality Management System (ISO 9001:2015Certification)

Objective:

To provide quality value-based technical education using systematic process (Academics, Placement, Examination, Library, Faculty Development, Physical Education and Administration) and to monitor progress against the achievement of objectives through periodic audits.

Deployment:

The course is planned with course outcomes using revised bloom's taxonomy, assessment components and pedagogy. Flipped classes are also used to satisfy the digital natives.

Smart classrooms and Learning Management System is used for posting the materials relevant to the subject, teaching notes and online assessment. TLP feedback is also conducted through Learning Management System.

Students learn through experiential methods like, field visit, internships and in plant trainings.

One-credit courses(VAC) offered by the university and Industry Readiness Course offered by the institution can be opted by the students.

In order to enhance the skill for employability, the students are encouraged to participate in the extra-curricular and co-curricualr activities conducted at the institute level and in other colleges.

Also placement training are provided by CCR.

The growing demand for the faculty members is to keep themselves abreast of the latest technology is achieved by participating in FDPs, Seminars, Workshops and Industrial Training in order to facilitate the students with a practical exposure on the courses.

Outcomes:

- **Improvement of student satisfaction, confidence of students and other stakeholders**
- **Improvement of the quality of teaching and teacher competences.**

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://jit.ac.in/strategic_plan.php
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.

Governing council is the guiding force and utmost authority in making policies for smooth functioning of Institution, budget planning, infrastructure development and maintenance, scholarship and new courses, internal auditing reports, accreditation, etc. Principal is the head of the institution empowered with own decisions in all the Administration, Academic, finance and developmental activities. Head of the Departments ensures effective delivery of curriculum and takes timely decisions on Departmental activities / administration. Apart from statutory bodies there are 15 non-statutory bodies, 7 Technical Societies and 14 technical and non technical clubrs are in the Institution. Faculty members are responsible for the delivery of the course, maintaining discipline, providing guidance and mentorship. Head-Corporate Relations job is to organize on-campus and off-campus placement drives and to conduct a placement training programme that fulfils the recruiters' needs. IQAC is to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution. It ensures institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices. Exam cell Coordinator

ensures smooth functioning of internal and university examinations. Librarian plays a major role in administering, maintaining and updating the library facilities. Administrative officer, System admin, Maintenance/Transport/Food court supervisor and physical director are taking care of activities in their respective areas. On the non-teaching, office/lab/ department assistants provides required support to the respective domain.

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/C6/6.2.2.pdf
Link to Organogram of the institution webpage	http://jit.ac.in/JIT_OC.php
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Teaching Staff

- **All the non-doctoral faculties are encouraged to get enrolled for PhD programs in various Universities. Providing extensive on duty to pursue Ph.D.**
- **Providing extensive on duty for Research Activities**
- **Financial Support for attending conferences, workshops and FDPs in their field of interest.**

- Knowledge up-gradation through conducting professional development /administrative training programs organized by the institution
- Staff members are covered under group Insurance with life cover and accident cover up to 1 Lakh
- Providing extensive casual leave
- Maternity leave for one year and with faculty requests may extend for another 6 months
- Providing food for faculty in the college hostel mess at nominal price
- Providing transport facility at subsidizedfare
- Providing accommodation in the hostel at affordable cost
- Subscription to Employee Provident Fund and Pension Schemes
- Special leave for religious festivals
- Faculty can avail Winter 7 days and summer 14 days of vacations
- Blazers for all lady teaching staff for comfortable teaching

Non-Teaching Staff

- Knowledge up-gradation through administrative training programs organized by the institution
- Free uniform for class IV employees like drivers, housekeeping staff, maintenance, canteen and gardeners.
- Lab coats are provided to the lab instructors and lab assistants.
- Employee Provident Fund.
- Providing extensive Casual Leave.
- Can avail winter 7 days and summer 14 days of vacations
- Free transport anf providing free food in the college hostel mess for office staff and for technical staff at an subsidized cost.

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/C6/6.3.1.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

33

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

14

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
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

56

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

In our institution annual performance evaluation system is followed. A well defined performance evaluation system is implemented and progress in all parameters are monitor. Faculty performance appraisal. system

Part A & B- Teaching related activities

- Teaching Load
- Maintenance of Records
- E-learning Content Development
- UG / PG / IF Project
- Supporting slow learnersand conducting special classes
- Results in University Exams. (only theory courses) pass %
- Winning in International / National Competitions

Part C – Involvement of faculty in research related activities

- Research Guidance (M.S. / PhD.)
- Patents / Commercialization of Innovative Technologies / Startup
- Research Output [Period to be used 1st June to 30st May]
- Motivating students to do research
- Event organized. Classify as Intl Conf / Natl Conf. / FDP / STTP / WS
- Funded Projects
- Consultancy / Training (earning revenue)

Part D – Activities relating to institution building

- Mentoring / Counseling

- **Involvement in Departmental Activities**
- **Involvement in Institution Building Activity**
- **Contribution towards society**
- **Faculty training**

Part E – Student Feedback

- **Odd semester feedback**
- **Even semester feedback**

Based on the above mentioned parameters faculty performance is evaluated and promotions, salary increment, allowances, perks, awards & rewards are provided to the faculty.Non-teaching staffperformance appraisal.

Part A - Professional Competency

- **Knowledge of rules, regulation and procedure**
- **Ability to organize work and carry it out**
- **Ability to learn and perform new duties**

Part B - Performance

- **Maintenance of Files/Records**
- **Accuracy & Speed of work**
- **Completion of work on schedule**

Part C - Personal Characteristics

- **Attendance**
- **Punctuality**
- **Discipline**
- **Integrity and behaviour**

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/C6/6.3.5%20Sample.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

A Chartered Accountant conducts both internal and external financial audits. The Finance Committee hears the audited financial statement. In addition to the above, the administrative officer and his colleagues perform regular audits of the College's accounts. Every bill supplied by faculty members and the institution was also audited and validated. The institution takes great care to double-check all bills and expenses related to academic and physical facilities maintenance. The expenses are audited by both internal and external auditors. Every year, the institution's finance committee verifies expenses and proposed income and expenses before approving them for implementation.

Internal auditing is the process of approving expense bills, which is reviewed and maintained at three levels. Every department should seek permission from the Principal before incurring any expenses. Once the expense is completed, the bills, along with the Statement of Expenditure in the appropriate format, must be submitted to the Principal for approval. The principal will audit the expenses, authorize the bills, and transmit them to the accounts department for further process.

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/Audited%20Statement%20 2020-2021.pdf
Upload any additional information	View File

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

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

5.4

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

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

The Institution has a transparent and well planned financial management system in which students, government and management are the main sources of funds. The Resource mobilization policy focuses on achieving the goals and target of the institution ensuring accountability and transparency. The harmonized Governing Council coordinates and monitors the optimal utilization of the funds for the promotion of learner-centric ecosystem.

The Institution is a centrally managed non-profit organization with honorary governing council members which ensures the income generated is spent optimally in the institution itself. A financial department is in place to manage the managed funds. Funds are provided to meet the infrastructure requirement of the institution while starting new programmes and centers. The management provides financial supports to seminars/workshops/expert talks/association activities/faculty development programmes. The extracurricular activities of the students are a major concern and adequate funds provide for sports and cultural activities. Scholarships are granted to the deserving students. Provident fund(PF) benefits are provided to the management appointed staffs.

Financial resources of the institution are

- Tuition fee
- Hostel fee
- Government funds/grants
- Alumni contribution

Tuition fee is used for the infrastructure and academic activities. Government funds and alumni contribution are optimally used for which the amount is sanctioned/contributed. Transparency and accountability is ensured by conducting an annual audit.

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/C6/6.4.3.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

Internal Quality Assurance Cell (IQAC) was formed with the objective to develop a quality system for conscious, consistent and catalytic programmed action to improve the academic and administrative performance of the Institution. IQAC of Jansons Institute of Technology has established a Quality Management System PDCA (Plan-Do-Check-Act) approach. IQAC has initiated and implemented Examination reforms and Student Induction Program (SIP).

Examination reforms is implemented to achieve objectives and program outcomes, which are crucial and need to be proven through accurate and reliable assessments for the following

1. Case Study
2. Project (JIT IaaS / Virtual Lab / Simulation based)
3. MOOC Certification
4. Seminar
5. Internships / Fieldwork / Industrial training
6. Industrial Readiness Courses
7. Value Added Courses

Three week Student Induction Program was conducted at Jansons Institute of Technology to prepare newly admitted undergraduate students for the new stage in their life by facilitating a smooth transition from their home and school environment into the college environment through the following 8 activities

1. Universal Human Values (UHV-I)
2. Physical Health and Related Activities
3. Creative Arts and Culture
4. Literary Activities
5. Proficiency Modules
6. Lectures by Eminent People
7. Visits to Local Areas
8. Familiarisation to institution, Department and and Extra-Curricular Activities in College

To implement these activities 37 faculty members were trained and certified by AICTE – UHV mentoring program.

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/C6/iqac%20Activities.pdf
Upload any additional information	View File

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

The Internal Quality Assurance Cell (IQAC) established a Quality Procedure "QP03 – Academic Process" which details all the teaching learning process, its structure, methodologies of operation and learning outcome. The method of communication, monitoring, responsibility, and control measures of academic process is defined.

Delivery of course content, its effectiveness and timely completion of syllabus is monitored through class record and class committee meetings. Actions against deviations are planned and progress is monitored.

Feedback on course is collected twice in a semester and analyzed by the Head of the respective Department and corrective / improvement actions are recommended and the progress is monitored. Stakeholders' feedback on curriculum is also collected, reviewed and actions against recommendations are initiated based on the comments of the Department Academic Council/Governing Council.

The attainment of course outcomes is assessed by respective course faculty and class advisor. Level of course attainment and programme attainment are discussed in the Department Academic Council and improvement suggestions are recommended and implemented.

All the activities pertaining to the teaching learning process are communicated to IQAC periodically and the progress of all recommended actions are monitored and verified by auditors at end semester internal audits. Corrective actions against deviations are initiated and the progress is verified in the next audit.

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/C6/iqac%20Activities.pdf
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives

C. Any 2 of the above

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	http://jit.ac.in/iqac_rep.php
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

Jansons Institute of Technology impart equal rights, opportunities and ensure gender equity inside the campus. The programs offered are common to all genders. The institution instigates the importance of gender equity through the Student Induction program conducted for fresher. This assists them to ease the transition, enrich on equity and emotional intelligence. The internal women caring cell of JIT takes care of gender sensitizing issues and representation of male faculty in the cell helps to establish gender equity.

Curricular Activities

Courses in the curriculum emphasizing gender equity & sensitization are deliberated to all the students to mark its importance (GE8291 -EVS Unit 5- Women and child welfare).

Co-curricular Activities

Separate Sport events are conducted for boys and girls through house activities. The co-curricular activities enrich the students and it assists the girls to excel in NPTEL exams, Olympiad, receive acknowledgment from international societies.

Facilities for women on campus

- **24x7 CCTV/Cameras covers the entire campus.**
- **Proper entry and exit of visitors are registered.**
- **Security guards are deployed at notable places in JIT**
- **Proper lighting and transportation facility provided for all when they extend working hours.**
- **Effective mentoring to address gender sensitization.**
- **Separate common rooms with male and female attendants for boys' and girls' students.**

File Description	Documents
Annual gender sensitization action plan	http://jit.ac.in/gen_eq.php
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	http://jit.ac.in/aqar/C7/7.1.1.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

B. Any 3 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

The Institution is conscious of its responsibilities to the environment and has taken initiatives in waste management to maintain an eco friendly campus.

Solid Waste Management

The major solid waste generated in the campus includes, Paper which is collected in yellow dustbin, Leaf litter and Kitchen waste which are collected in green dustbin are disposed regularly. Paper free

communication in its extreme priority is being practiced in the campus. Metal and wooden waste is given to authorized scrap agents for processing. Food waste is collected and given to authorized agents for further beneficial use/disposal.

Liquid Waste Management

The College has installed a Sewage Treatment Plant of 100 KW to treat wastewater carried through the underground pipelines and used for gardening purposes alone.

E-waste management

E- wastes like computers, keyboards, mouse's etc are collected and are replaced/disposed of and periodically serviced as per the existing AMC. UPS Batteries are recharged and replaced by the suppliers.

Waste recycling system

The treated wastewater from the Sewage Treatment Plant is being effectively recycled for plants and trees in the campus for gardening purposes as it is not suitable for other purposes.

Chemical waste management

In the chemistry laboratory, solutions are prepared in very dilute concentrations and it is discharged along with domestic effluent from academic block.

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:

A. Any 4 or All of the above

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

File Description	Documents
Geo tagged photos / videos of the facilities	[View File](#)
Various policy documents / decisions circulated for implementation	[View File](#)
Any other relevant documents	[View File](#)

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

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

A. Any 4 or all of the above

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

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
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).

Jansons Institute of Technology offers an inclusive environment without any prejudice towards cultural, regional, linguistic, communal and socio economic differences. The cultural harmony is developed by celebrating cultural festivals like Onam, Ugadhi, Pongal inside the institution and the active participation of the

students nourishes cultural diversity.

Students from states of Kerala, Andhra Pradesh, Karnataka and Assam are admitted to pursue their degree programmes at JIT and this develops regional and linguistics tolerance among them. The linguistic barrier is overcome by upholding the medium of instruction in English. Celebration on Mother Language Day, painting competition helps to create linguistic harmony.

To develop communal harmony, the institution organises cultural programs to celebrate cultural diversity in India. Students from various regional and cultural backgrounds participate in such programs and present their regional or cultural folk songs and dances. Seminars organised for the students on Tolerance & Harmony, Basic Aspirations of Human Being develop communal harmony and tolerance.

The awareness webinars on Mental Health and Well-being, Dental Health, Managing Anxiety and Stress - COVID-19 were organized to sensitize on gender diversity. The NSS and Social Responsibility Club conduct community service activities and creates harmony towards socioeconomic diversity in the society.

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

Jansons Institute of Technology always focuses on the development of students by inculcating the sense of human values, rights, patriotism and responsibilities to make them a responsible citizen. The main objectives are to develop interaction between society and educational institutions, to sensitize students and employees so that the norms and values of human rights and duties, and education programmes are realized. Through VE-SIP cell (Value Education - Students Induction programme cell), values are imparted to the students from first year during bridge course. The course GE8076 - Professional Ethics in Engineering has been taught to all students.

Independence Day and Republic Day Celebrations

Jansons Institute of Technology celebrates the auspicious day with great honor and enthusiasm every year. The celebration began with marching by NSS cadets.

Electoral awareness

The voter's day is celebrated every year. This electoral awareness campaign was organized for first-time voters on our campus. It motivates the students to exercise their right to vote.

Legal awareness

Grievance cum redressal cell and Anti Ragging committee organizes various awareness programs to educate the students about their basic rights.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://jit.ac.in/rights&duties.php
Any other relevant information	http://jit.ac.in/aqar/C7/7.1.9.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	[View File]
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	[View File]
Any other relevant information	[View File]

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

Jansons Institute of Technology celebrates national and international commemorative days to inculcate constitutional responsibilities, patriotic spirit and to foster unity for all. The institution organized programmes for Days of National Importance like 'Independence Day', 'Republic Day' and Gandhi Jayanti with fervor and festivity.

Apart from above mentioned days, JIT also celebrated

- **International Day of Non-violence and webinar on Gandhi jayanthi on 1st and 2nd October 2020. Internationally this day is celebrated as the International Day of Non-Violence**

- **National Youth Day on 9th January 2021 to commemorate the birth anniversary of Swami Vivekananda.It is Celebrated to make every young generation come across many ideas and plans to cultivate a proper plan to develop every sector in the right way.**

- **Webinar on Netaji's Birth Anniversary on January 23, 2021 with the objective of remembering and honoring one of the vigorous freedom fighters of India, Netaji Subhash Chandra Bose.**

- **International Women's Day is celebrated on 8th March.The important contribution of women in the development of the world economy,political and social participation of women in empowering the nation was emphasized during the program.**

- **Rabindranath Tagore's 160th birthday celebration is done on 7.05.2021 as a Online poetry contest**

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.

Best Practice: 1

1.Title of the Practice

Utilizing Flipped Classroom to Enhance Learning through Self-Hosted JiT eEDU Services.

2.Objectives of the Practice

To enhance e-learning characteristics through extensive use of e-content.

3. The Context

Large use of self-developed LMS software, JiT eEDU, is encouraged and practiced to provide need-based learning.

4. The Practice

Embedded Interactive H5P videos & Virtual Lab are used for online learning and create attentiveness among students to learn.

5. Evidence of Success

Open and remote access coaching has increased % of placement from 73.33 (AY2016-2020 batch) to 93.44(AY2017 -2020).

6. Problems Encountered and Resources Required

Optimization of server capacity was a challenge. Internet bandwidth resource mobilized adequately to 100MBPS.

Best Practice: 2

1.Title of the Practice

Introducing Case Studies in all courses.

2. Objectives of the Practice

To introduce new concepts & course-specific skills with practical examples to the students.

3. The Context

Implement student-centric problem-based TLP and provide direct participative learning to improve their analytical skills.

4. The Practice

- **Group case studies for each course & participate in problem-solving discussions with faculty tutoring.**

- **Experience to report & video preparation processes.**

5. Evidence of Success

Students got selected for internships in IIT Bhopal, Zinnov, Six Phrase, Intershala and extended it to projects. This was possible because of the improved analytical skills of the students.

6. Problems Encountered and Resources Required

Faculty had to work hard to generate the case studies for TLP. But with motivation, the teachers raised to the occasion and the initiative was a good success.

File Description	Documents
Best practices in the Institutional website	http://jit.ac.in/best_practices.php
Any other relevant information	http://jit.ac.in/aqar/C7/7.2.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

Institutional Distinctiveness -Accomplishment of Overall Personality Development through various clubs and societies

The primary objective of our institution is to pursue overall personality development among budding professionals.

Technical clubs viz., Andrios club, IIoT club, ECO club, programming club, Data Analytics club etc are functioning successfully. Students won recognition from the TNSCST projects scheme. In Smart India Hackathon, students have reached the grand finale.

Professional societies viz., IEEE, ISTE, ICI, IIPE, CSI, ICT etc., help them to reach milestones. Our Student became brand ambassador for IEEEXtreme 15.0 and got nominated for global awards too.

Personality and Character Development Cells viz., NSS, YRC, IWCC, VE-SIP cell, JSC and JIT SuCe helps students to become a responsible citizen and build values and ethics. As a recognition, two volunteers of NSS got the best volunteer award from Anna University, Chennai. In sports club, students are well trained and won bronze medal in Tamilnadu state kickboxing championship.

Innovation, Career Enhancement and Continuous Education Cells viz., EDC, ToPCel, convert students to entrepreneurs, government employees and also helps to pursue higher studies.

Non-Technical Clubs viz.,Tamil mandram, MOPHO club, ARCRA club and Music club explore students talents and won appreciation award in the tamil elocution jointly organized by IEEE INSPIRE INDIA and IEEE WIE AG and debate programmes.

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

Curricular Planning

Jansons Institute of Technology is affiliated to Anna University and follows outcome based education with Choice Based Credit System. The syllabuses for all programs are provided by Anna University. The Department Academic Council(DAC) reviews the syllabus and recommends academic plans. Academic calendar is released based on the academic schedule released by Anna University prior to commencement of semester.

Electives are opted by students and course allocation is made based on the faculty preference and specialization. Class, Faculty and laboratory timetable are released along with faculty workload. A course committee is formed when a course is offered to more than one department to ensure uniform and effective delivery of curriculum across all classes.

Curriculum Delivery

The faculties prepare a detailed course delivery plan(CDP). Lecture notes for all courses are made available to students in JiT eEDU LMS. The quality of the curriculum delivery and completion of syllabus is effectively monitored by class committee meetings, student feedback, mentor ward meetings, course committee meetings and HoD.

End semester question papers are reviewed and suggestions/ recommendations for further improvements are made available for subsequent semesters for followup. An end semester audit is conducted to review and ensure the quality of academic activities

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	http://jit.ac.in/aqar/C1/1.1.1.pdf

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

Jansons Institute of Technology(JIT) follows the Anna University(AU) academic schedule which has:

- **Commencement of classes**
- **Last working day**
- **Commencement of University Practical Exams**
- **Commencement of End Semester Exams**
- **And tentative reopening date for the next semester.**

Anna University also releases an assessment schedule. Attendance and CIA test marks are uploaded in Anna University Pre-Examination Monitoring System(web portal) as per the given assessment schedule.

- **First assessment period - attendance**
- **Second assessment period - attendance & CIA-I test mark**
- **Third assessment period - attendance & CIA-II test mark**
- **Fourth assessment period - attendance & CIA-III test mark**

Based on this information, the academic calendar is prepared coherently with the Anna University(AU) academic schedule and assessment schedule and with the recommendations of GC, IQAC, DAC of all Departments and then released by the Principal through the exam cell. The academic calendar is displayed on the college website, LMS and displayed on notice boards.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	http://jit.ac.in/calendar.php

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	**A. All of the above**

process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	[View File](#)
Any additional information	[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

6

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)

18

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

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

655

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

1.3 - Curriculum Enrichment

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

The curriculum provided by the University integrates the environmental issues, technology and innovations towards sustainability, imparting the knowledge about ethics and human values in their professional career and nation building. In addition to the curriculum the institution inculcates professional ethics, gender equity, human values and sustainable environment through various club and professional society through experiential activities.

The curriculum includes courses like Environmental Sciences and Engineering, Municipal Solid Waste Management, Hospital Waste Management, Renewable energy sources, etc. which provides the value of the preservation of the environment and technological ideology for moving towards a sustainable future.

The Internal Women Caring Cell (IWCC) ensures in spreading the importance of gender sensitiveness, prevention of sexual harassment and importance of women in integral growth of the society. Various initiatives are taken by the club such as organising events on remembering eminent women personalities. The institution promotes women to be entrepreneurs through Entrepreneurship Development Cell (EDC). EDC organizes awareness camps, in which female students are actively involved.

As a part of curriculum courses like Professional Ethics, Principles of Management, Total Quality Management and Universal Human Values are offered and these courses sensitize students about their role in society.

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

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

98

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

433

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	**A. All of the above**

from the following stakeholders Students Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	http://jit.ac.in/feedback.php
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://jit.ac.in/feedback.php

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

290

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

84

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 Students Induction Programme is offered to first-year students in English, Computer Science, and Advanced Technologies and is held to appeal to students from various backgrounds. All of these courses emphasise active learning. A bridge course in mathematics is organised for lateral entry students who are lacking in mathematics concepts.

The first semester students are classified as slow learners based on their mathematics grades in HSC Exams, special coaching is provided to the CIA Exams. Slow learners and advanced learners are classified in higher semesters based on their performance (Grades) in university examinations. Slow learners receive additional instruction prior to each Internal Assessment Exam in order to improve their learning abilities.

The Institution student mentoring process, ascertains, the academic progress of both Slow and Advanced Learners effectively apart from tracking mentees attendance, academic needs, personal behaviour and other needs.

Advanced Learners have to do NPTEL courses and to participate in technical events conducted at on/off campus and to update/gain knowledge on current emerging technologies. Students also compete at the national level contests like the Smart India Hackathon. All of these activities are open to interested slow learners as well as advanced learners.

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/c2/2.2.1.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
951	98

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

Experiential learning, participatory learning and problem-solving methodologies are emphasised at our institute. All of these approaches are covered in the required curriculum seminars/case studies and mini-projects/project work.

Experiential Learning is used in about 33% of lab-based courses each semester, assisting students in obtaining information on a topic by doing experiments and understanding the results. The project phase demonstrates experiential learning: Each student visualises a concept and formulates the idea after getting review comments.

Tutorial classes are part of numerically based courses. The tutorial lessons are scheduled as part of the course delivery, and students participate individually or in groups to solve issues, case studies, and other tasks. Along with all of the student-centred strategies outlined above, students participate in internships, in-plant training, and industrial trips to put what they've learned in class into practice.

These activities also help them prepare by exposing them to real-world industry scenarios and work cultures. The institution hosts symposium, conferences and project competitions to demonstrate student's technical, interpersonal, and leadership abilities in real-world circumstances.

File Description	Documents
Upload any additional information	View File
Link for additional information	http://jit.ac.in/aqar/c2/2.3.1.pdf

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

ICT Enabled Classroom

All the Classrooms, Seminar Halls, CC-Labs at our institutions are ICT enabled comprising LAN/WiFi capabilities, LCD projectors, pointers and fixed/portable speakers.

Learning Management System (LMS) throw Blended learning, self-paced learning, flipped classroom and other e-learning content is delivered to students powered by JIT Edu. The Students and faculty members can use the service through web browser.

Faculty members post video contents to demonstrate concepts as part of course delivery and also create interactive content for courses through flash or SCROM package, Screen casting, Chat board and Teleconferencing (JIT Open Meetings). To match up with the rising trend of m-learning (mobile learning) as a form of e-learning all students can access the learning content in their mobile using LMS mobile app.

In the academic year 2020-2021, JIT was effectively prepared for online classes during the pandemic by using ICT technologies through JIT Edu, which was run by faculty members in place of physical mode classes.

JIT Cloud offers personal cloud storage to all faculty members and students for storing and sharing files.

JIT IaaS (Just-in-Time Infrastructure as a Service) is a type of cloud computing that offers virtualized computer resources for private use over the internet or a private network.

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

64

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

98

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

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

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

24

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

669

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

Theory Courses

During the semester, three CIA tests, each worth 50 marks and lasting 90 minutes, are given and converted to a total of 100 marks. The total number of marks earned across all tests is 300 and 20 marks are deducted proportionately.

Laboratory Courses

To arrive at a score of 20 on the Internal Assessment, the following elements were considered: Students will gain 75 marks for successfully completing all of the laboratory experiments, as well as 25 marks for the model practical examination.

Theory Courses with Laboratory Component

The first two tests (each worth 100 marks) cover the theory sections, while the third test (with a maximum of 100 marks) covers the laboratory section. The first two test's total marks are decreased to 60, while the third test's total mark is cut to 40. The total of these 100 marks is then converted to 20.

Project Work

A single student or a small group of students (no more than 4) completes the project. The project is evaluated by a review committee. The review committee conducts four reviews throughout

the semester. The zeroth review is used to complete the project and is not used to determine internal grades.

File Description	Documents
Any additional information	View File
Link for additional information	http://jit.ac.in/aqar/c2/2.5.1.pdf

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

The CIA tests are administered by the exam cell in accordance with the academic calendar and the Anna University academic schedule. The test schedule is available on the college website, and the question paper and answer key, along with the scheme of evaluation, are evaluated by the Head of Department before being forwarded to the exam cell by the department exam cell coordinator.

- A class committee meeting is conducted before all CIA tests to discuss class activities along with exam related grievance.
- Syllabus coverage for internal test
- Difficulty in understanding of any courses and extra support
- Previous test performance in case of second and third review

The university portal entry report which contains the marks scored by individual students and attendance for the particular assessment period is prepared by class advisor, verified by course faculty and approved by Head of Department and the Head of the Institution.

Mentors inform parents about their mentees general performance, attendance and feedback. By this process the parents were informed about student's CIA performance. As a result, the process of internal evaluation is conducted in perfectly and transparently.

File Description	Documents
Any additional information	View File
Link for additional information	http://jit.ac.in/aqar/c2/2.5.2.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.

Each department defines Program Outcomes (POs) and Program Specific Outcomes (PSOs) as part of the college's outcome-based education. We avail a consultation process with stakeholders to define the POs and PSOs, which are aligned with the college's and department's vision and mission, as well as graduate qualities.

We follow the twelve Program Outcomes (POs) specified by the National Board of Accreditation (NBA), New Delhi, which must be met by all higher education programmes. The Course Outcomes (COs) for each subject are mentioned in the university syllabus or can be defined by the concerned faculty member in conjunction with other faculty teaching the same subject and the Head of the Department. The POs and PSOs are displayed on Institutional Website (www.jit.ac.in) Department Laboratories and Main Corridors.

PO & PSO can be disseminated to students on the opening day of the semester by their faculty advisor and to the faculty members, non-teaching staff by the Department Head at Department Meetings. The Head of the Department, Faculty, Class advisor, Mentor, Students during one-on-one sessions and students will communicate to their parent. External stakeholder members get the information from Alumni Cell, Placement Cell via the College Website. Faculty members disseminate the CO to students throughout the course period.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://jit.ac.in/aqar/c2/2.6.1.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 Attainment of Programme Outcomes, Program Specific Outcomes and Course Outcomes are evaluated by two methods.

1. Direct PO & PSO Assessment Process

a. Direct Course Assessment

Internal Assessment: Students are graded on MCQs, assignments, tutorials, quizzes, and other activities. CO is assigned to each question on the Internal Examination question paper. When the Internal Assessment (IA) is completed, the students' CO scores are added together.

External Evaluation: CO is computed by taking 60% of the university examination level and 40% of the IA level into account.

b. Indirect Course Assessment:

The Students provide input on a scale of 1 to 5 in course exit questionnaires.

Final course wise PO and PSO Attainment: For attainment calculations, the average of direct CO - PO attainment data from the CO - PO correlation matrix is gathered for all courses, and Indirect Course Assessment is averaged in 80:20 ratios.

2. Indirect Method for PO and PSO Attainment:

Exit survey for students who will graduate at the end of the eighth semester.

Final Attainment for PO PSO Attainment:

The overall attainment for a batch is calculated by taking into account 80% direct and 20% indirect attainment.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	http://jit.ac.in/aqar/c2/2.6.2.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

286

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	http://jit.ac.in/reports.php

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)

http://jit.ac.in/sss.php

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)

17.92696

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

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

11

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	[View File](#)
Supporting document from Funding Agency	[View File](#)
Paste link to funding agency website	**Nil**

3.2 - Innovation Ecosystem

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

Jansons Institute of Technology (JIT) has instigated various measures in promoting research activities and fosters an innovative ecosystem through centers Institution Innovation Council (IIC), Entrepreneurship Development Cell (EDC), Intellectual Property Rights cell (IPR) and other technical clubs' activities.

JIT is one of the approved institutes for IIC by the Ministry of Education (MoE), Government of India. It has developed a "Innovation cell" on campus with the goal of methodically cultivating an innovation culture among students and faculty.

The EDC converts innovative prototypes into marketable products by arranging pre-incubation facilities. He5 solutions and Classfox are the two pre- incubators at JIT. The IPR cell organize workshops on IPR and assists with patent applications. About 21 patents have been published and 5 are granted.

JIT's technical clubs organise hackathons and skill training programmes to help students enhance their skill sets and come up with innovative solutions to real-world challenges.

The institution encourages the teachers to perform research and consultancy work and recognize their contribution towards research. The students are motivated to perform innovations by providing seed funding for their projects.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://jit.ac.in/aqar/c3/3.2.1.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

22

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

3

File Description	Documents
URL to the research page on HEI website	http://jit.ac.in/inv_rch.php
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

25

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

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

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

18

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

3.4 - Extension Activities

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

Jansons Institute of Technology through its NSS, YRC and RRC units actively involve the students to do community service

through its outreach programs in the neighborhood community. In the Covid pandemic, NSS conducted outreach programs through awareness webinars and quiz competitions through online mode. This instigated responsibility of the students towards community service.

The NSS and YRC volunteers arranged Voter's Day awareness programme and COVID 19 Vaccination awareness Programme were arranged for ChennappaChetti Pudur Village and Semmandampalayam Village people by door to door campaign, around 800 general public were benefitted. Free Medical Mask were provided to the village people to control the spread of Corona by the NSS volunteers. COVID vaccination camp for public and students was arranged and about 500 members were benefitted. The important National days and events like Cyclothon event, Fit India Movement, Swachh Bharath awareness, Jal Sakthi Abhiyan were promoted and students were encouraged to participate. The activities sensitize the students towards community service and enrich their personality.

The NSS volunteers were appreciated by the village people for their good work and Anna University recognised our NSS volunteers work and awarded with best NSS volunteer award during the year 2020-2021.

File Description	Documents
Paste link for additional information	http://jit.ac.in/soc_act.php
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

1

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

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

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

11

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

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

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

117

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

3.5 - Collaboration

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

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

45

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

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

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

5

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The Institution encompasses a well maintained lush green campus spread over 13.61 acres of land ensuring adequate availability and optimal utilization of physical infrastructure for teaching

learning activities. The College has a sufficient number of well-furnished, well-ventilated, spacious & fully air-conditioned Lecture halls (classrooms) equipped with LCD projectors and ICT tools to promote Innovative teaching-learning process. All laboratories are well equipped with state-of-the-art equipment's and facilities as per AICTE and AU norms. These labs are utilized for conducting practical classes as per the requirements of the curriculum and also utilized for technology learning & training as a part of teaching contents beyond the syllabus. Labs have sufficient licenced software and open-source tools to cater the requirements of curriculum & industry enabled teaching. The entire campus is Wi-Fi enabled with 24/7 internet facilities to all the stakeholders. The Central Library spans around 558 sq.m with inclusive reading spaces stacking upto 3937 titles covering all major fields of Science and Engineering. The College has a seminar hall used for conducting national / international events and a huge drawing hall with 125 seating occupancy. The Institution renders an inclusive incubation space for student scale-ups to reconcile their studies with their entrepreneurial adventure.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	http://jit.ac.in/aqar/C4/4.1.1.pdf

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

The College is proactive in providing facilities for students to participate in cultural activities, sports and games in various ways. The Auditorium is a gallery-type seating for 459 persons, with a well-crafted decor, lends a professional touch to this august structure. Every year college organizes an Annual cultural fest where students participate in many cultural activities. The Institution offers bountiful amenities for the students to rivet with the various sports activities like outdoor games such as Basketball, Badminton, Volleyball, Football, Kabaddi, Cricket, Throwball, Kho-Kho, Handball, Ball Badminton and indoor games like Carrom, Table Tennis and Chess. Every year, sports day is organized to expose the talents of our students. The track and field games like sprints, middle distance, long distance, Shot put, Discus throw, Relays and all the team games are conducted to keep them fit both mentally and physically by a well experienced

and qualified physical trainer. The Institution provides well
equipped gym in girls and boys hostels to build their stamina and
a Yoga Hall with its soothing ambience to shape their energies in
a healthy way and also hone their physique. The College has a
dedicated music club to train students and excel in composing new
tunes.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://jit.ac.in/aqar/C4/4.1.2.pdf

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

38

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://jit.ac.in/itinfra.php
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)

186.47

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

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

The Institution library acts as an avenue for students to take an educated detour into the world of engineering ideas with an area of 558 sq. m. with 180 seating capacity. An array of print and electronic resources is made available to satisfy the curricular needs of the JIT community. It also houses Digital library with reservoir of electronic book collections, printers and scanners which enables the students to avail the reprographic services. The library is automated through Autolib Library Automation and Management software version 5.1, which acts as an interface for the students to impart knowledge in the emerging area. Autolib software is a fully integrated, versatile and multi-user Library automation software. It keeps track of all information of the library such as Cataloguing, Circulation of books, Report Generation, Acquisition etc. It provides a user-friendly way in searching the books by its advanced search options for easy access of the needed materials through Online Public Access Catalogue to check the availability of books anywhere at any time. The salient features of ILMS include Efficient circulation management system, Transaction alerts through mail and SMS, Book ordering and serial control made simple, Interface to barcode scanners and Online stock verification support.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	http://jit.ac.in/aqar/C4/4.2.1.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)

2.987

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

184

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

4.3 - IT Infrastructure

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

The Institution has massive information technology facilities including the internet connection with 100 Mbps bandwidth spread over the campus to have the hassle-free internet connection and they are updated frequently whenever there is a demand. The Wireless Fidelity across the institution are enabled through the deployment of secured 802.11 based wireless access points with centralized authentication to allow secure network access through laptops and Wi-Fi enabled devices. The IT infrastructure and resources are updated and upgraded continuously as per the requirements and changing technology. All the IT resources and content are available to all the faculty and students from their desk as well as anywhere-anytime over internet & campus network. These facilities are offered by JiT eEDU which hosts (in-house) Clusters of Linux servers to provide services such as Moodle@JiT

eEDU (Learning Management System), Centralized Cloud Data Storage, AutoLib ILMS, etc. These services are connected with Internet via 100 Mbps Leased Internet Connectivity (Airtel) and inside the campus via Campus Area Network, interconnected with high-speed Ethernet links operating over optical fiber and Gigabit Ethernet. Network is also secured using Sophos Firewall (NAT) through which all data transfers into internet.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://jit.ac.in/aqar/C4/4.3.1.pdf

4.3.2 - Number of Computers

382

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)

191.71

File Description	Documents
Upload any additional information	[View File](#)
Audited statements of accounts	[View File](#)
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	[View File](#)

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

The Institution cultivates established systems and procedures for maintaining and utilizing all the facilities. Maintenance of network infrastructure & IT related equipment's are taken care of by System Manager and his team. Laboratories are maintained on the basis of regular monitoring of stock verification and servicing will be done if required. The librarian is in-charge for handling all the maintenance works required in the library through maintenance staff. Regular swabbing of the library sections, regular cleaning of the racks, up keeping the quality of the books with needed binding are in place. Pest control of library books and records is done every year by the maintenance department.

The Sports officer takes responsibility for all repairs pertaining to sports equipment and maintenance of courts with the help of the maintenance staff. Maintenance of buildings and physical resources like lecture halls, labs, seminar halls, auditorium, hostels etc come under daily maintenance which are undertaken by the Campus Manager and his team. This team looks after the regular maintenance of civil works, painting, carpentry, plumbing and house- keeping.

Adequate in-house staff is employed to meticulously maintain hygiene, cleanliness and infrastructure on the campus so as to provide a congenial learning environment.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://jit.ac.in/aqar/4.4.2.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

291

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

69

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	http://jit.ac.in/skills_enh.php
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

448

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

448

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

242

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

12

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

5

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

2

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)

Jansons Institute of Technology provides ample opportunities for developing technical skills, updating knowledge, and personality development, through various associations, club activities, and

societies functioning in the campus.

Administrative activities

Student representatives are involved in DAC, IQAC, Department Associations, Class Committee meetings, Societies, Hostel, Anti-ragging committee, and Anti Ragging squad. Anti-ragging committee student members are aware of regulations and contribute significantly for effective compliance. Students take responsibility in organizing various state and national level technical and non-technical events after approval from the respective Heads/Coordinators. Students are actively involved in Chapters of Professional Societies in all disciplines and represent themselves and the institution at various levels.

Co-Curricular Activities

Students are given opportunities to voice out their views through debate programs conducted by Tamil Mandram, a student's club. ARCRA club and Music club facilitate the senior student members to address the first-year students and make them involved in various activities to explore their talents.

Extra-Curricular activities

Students play the role of house captain in Jansons Sports Club (JSC) which conducts Sports Day every year. Students are active volunteers in NSS, YRC, and RRC through which they involve themselves in community services.

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/c5/5.3.2.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

16

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

Alumni Association of Jansons Institute of Technology(JIT) has provided great opportunities for Alumni to share their experience of a well equipped and inclined learning environment to the juniors about the Institution. It provides an interface for establishing a link between the alumni, faculties and students. It was initiated in the year of 2014.

Contribution of Alumni

Most of the alumni are well placed and are successful in their careers as Entrepreneurs, Employees in various levels, doing post-graduation courses, skill developers, etc. Alumni share their views with their juniors and give their suggestions towards the betterment during Alumni meet. Many of our alumni are serving in various countries in pursuit of either higher studies or employment. Alumni interactions help juniors to get useful awareness about the opportunities and challenges ahead of them. Apart from this, the alumni during their visit to the institution deliver guest lectures on career guidance in their areas of expertise.Alumni Entrepreneurs give preference to their juniors for both internships and job opportunities.About 46 Alumni interactions were organized in the academic year 2020-2021, where alumni include Entrepreneurs and employees of various levels.

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/c5/5.4.1.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) | D. 1 Lakhs - 3Lakhs

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 Institution's Governing Council efficiently ensures that its vision, mission, and strategies are carried out. The Institute's GC was formed in accordance with AICTE norms. It is made up of members from management, statutory body representatives,academic expert, eminent professional, and member secretary. All policy-related concerns in the management of the institution are considered and conveyed in the GC, and then communicated to the responsible authorities for implementation.

Department Academic Council is constituted with HOD's, Academic and industrial Experts, Alumni and Parent representative, faculty and student members. Status of action plans, Review of university results/course outcomes/feedback, Certification Courses, Curriculum enrichment activities, Internship/Industrial visit, ICT tools, Mentoring and counseling, Research and Funding activities, Technical events, Extension activities, Research and Publication, Sports activities, Grievances etc... are discussed, approved and communicated to all for implementation.

Perspective Plan

The perspective plan of the institute is to modernize the existing facilities, enhancing teaching learning process, research culture, industry institute relationship, social, moral, environmental awareness, accreditation, to achieve academic

excellence.

Participation of the teachers in the decision-making bodies

Participative Decision Making is the most powerful component of the whole management process. The Principal leads the academic and administrative bodies. HoDs along with faculty members are empowered to make the decision for various activities of the department and also various committee members so that they can get involved in decision making.

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/C6/6.1.1.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.

Decentralization

JIT promotes and practices decentralization pattern with its quality policy of decentralized governance in all the academic and administrative activities. It has various academic and administrative committees to monitor the plan and execute the smooth functioning of the Institute. The Governing Council has empowered the Principal for the smooth functioning of all academic activities, intellectual growth and research pursuits. Power and authority are further delegated from Principal to all HOD's of various departments in academic and administrative work.

Participative Management

JIT encourages a culture of inclusive management. There is active engagement in planning and implementation at every level (of the institution, GC, IQAC, the principal, the HoDs, the faculty, the non-teaching personnel, and the students). The academic calendar, as well as the teaching and learning process, are actively planned for and carried out by the faculty. All the cells of the institution has representatives of faculty and students.

Purchase of Books and Journals for Library

The required books are identified by faculty members based on

subject allocation prior to the start of each semester or new programme, and other relevant books and recommendations from students and faculty are handled through LB01 and submitted to the Librarian (after verification by the dept. Library i/c) with the approval of HODs. The Principal's approves, and theorder is placed.

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/C6/6.1.2.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Ensuring quality value-based technical education by Quality Management System (ISO 9001:2015Certification)

Objective:

To provide quality value-based technical education using systematic process (Academics, Placement, Examination, Library, Faculty Development, Physical Education and Administration) and to monitor progress against the achievement of objectives through periodic audits.

Deployment:

The course is planned with course outcomes using revised bloom's taxonomy, assessment components and pedagogy. Flipped classes are also used to satisfy the digital natives.

Smart classrooms and Learning Management System is used for posting the materials relevant to the subject, teaching notes and online assessment. TLP feedback is also conducted through Learning Management System.

Students learn through experiential methods like, field visit, internships and in plant trainings.

One-credit courses(VAC) offered by the university and Industry Readiness Course offered by the institution can be opted by the students.

In order to enhance the skill for employability, the students are encouraged to participate in the extra-curricular and co-curricualr activities conducted at the institute level and in other colleges. Also placement training are provided by CCR.

The growing demand for the faculty members is to keep themselves abreast of the latest technology is achieved by participating in FDPs, Seminars, Workshops and Industrial Training in order to facilitate the students with a practical exposure on the courses.

Outcomes:

- Improvement of student satisfaction, confidence of students and other stakeholders
- Improvement of the quality of teaching and teacher competences.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://jit.ac.in/strategic_plan.php
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.

Governing council is the guiding force and utmost authority in making policies for smooth functioning of Institution, budget planning, infrastructure development and maintenance, scholarship and new courses, internal auditing reports, accreditation, etc. Principal is the head of the institution empowered with own decisions in all the Administration, Academic, finance and developmental activities. Head of the Departments ensures effective delivery of curriculum and takes timely decisions on Departmental activities / administration. Apart from statutory bodies there are 15 non-statutory bodies, 7 Technical Societies and 14 technical and non technical clubrs are in the Institution. Faculty members are responsible for the delivery of the course, maintaining discipline, providing guidance and mentorship. Head-Corporate Relations job is to organize on-campus and off-campus placement drives and to conduct a placement training programme that fulfils the recruiters' needs. IQAC is to develop a system for conscious, consistent and catalytic action to improve the

academic and administrative performance of the institution. It ensures institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices. Exam cell Coordinator ensures smooth functioning of internal and university examinations. Librarian plays a major role in administering, maintaining and updating the library facilities. Administrative officer, System admin, Maintenance/Transport/Food court supervisor and physical director are taking care of activities in their respective areas. On the non-teaching, office/lab/ department assistants provides required support to the respective domain.

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/C6/6.2.2.pdf
Link to Organogram of the institution webpage	http://jit.ac.in/JIT_OC.php
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	**A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Teaching Staff

- **All the non-doctoral faculties are encouraged to get**

enrolled for PhD programs in various Universities. Providing extensive on duty to pursue Ph.D.

- Providing extensive on duty for Research Activities
- Financial Support for attending conferences, workshops and FDPs in their field of interest.
- Knowledge up-gradation through conducting professional development /administrative training programs organized by the institution
- Staff members are covered under group Insurance with life cover and accident cover up to 1 Lakh
- Providing extensive casual leave
- Maternity leave for one year and with faculty requests may extend for another 6 months
- Providing food for faculty in the college hostel mess at nominal price
- Providing transport facility at subsidizedfare
- Providing accommodation in the hostel at affordable cost
- Subscription to Employee Provident Fund and Pension Schemes
- Special leave for religious festivals
- Faculty can avail Winter 7 days and summer 14 days of vacations
- Blazers for all lady teaching staff for comfortable teaching

Non-Teaching Staff

- Knowledge up-gradation through administrative training programs organized by the institution
- Free uniform for class IV employees like drivers, housekeeping staff, maintenance, canteen and gardeners.
- Lab coats are provided to the lab instructors and lab assistants.
- Employee Provident Fund.
- Providing extensive Casual Leave.
- Can avail winter 7 days and summer 14 days of vacations
- Free transport anf providing free food in the college hostel mess for office staff and for technical staff at an subsidized cost.

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/C6/6.3.1.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

33

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

14

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
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

56

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

In our institution annual performance evaluation system is followed. A well defined performance evaluation system is implemented and progress in all parameters are monitor. Faculty performance appraisal. system

Part A & B- Teaching related activities

- Teaching Load
- Maintenance of Records
- E-learning Content Development
- UG / PG / IF Project
- Supporting slow learnersand conducting special classes
- Results in University Exams. (only theory courses) pass %
- Winning in International / National Competitions

Part C – Involvement of faculty in research related activities

- Research Guidance (M.S. / PhD.)
- Patents / Commercialization of Innovative Technologies / Startup
- Research Output [Period to be used 1st June to 30st May]
- Motivating students to do research
- Event organized. Classify as Intl Conf / Natl Conf. / FDP / STTP / WS
- Funded Projects
- Consultancy / Training (earning revenue)

Part D – Activities relating to institution building

- Mentoring / Counseling
- Involvement in Departmental Activities
- Involvement in Institution Building Activity
- Contribution towards society
- Faculty training

Part E – Student Feedback

- Odd semester feedback
- Even semester feedback

Based on the above mentioned parameters faculty performance is evaluated and promotions, salary increment, allowances, perks, awards & rewards are provided to the faculty.Non-teaching staffperformance appraisal.

Part A - Professional Competency

- Knowledge of rules, regulation and procedure
- Ability to organize work and carry it out
- Ability to learn and perform new duties

Part B - Performance

- Maintenance of Files/Records
- Accuracy & Speed of work
- Completion of work on schedule

Part C - Personal Characteristics

- Attendance
- Punctuality
- Discipline
- Integrity and behaviour

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/C6/6.3.5%20Sample.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

A Chartered Accountant conducts both internal and external financial audits. The Finance Committee hears the audited financial statement. In addition to the above, the administrative officer and his colleagues perform regular audits of the College's accounts. Every bill supplied by faculty members and the institution was also audited and validated. The institution takes great care to double-check all bills and expenses related to academic and physical facilities maintenance. The expenses are audited by both internal and external auditors. Every year, the institution's finance committee verifies expenses and proposed income and expenses before approving them for implementation.

Internal auditing is the process of approving expense bills, which is reviewed and maintained at three levels. Every department should seek permission from the Principal before incurring any expenses. Once the expense is completed, the bills, along with the Statement of Expenditure in the appropriate format, must be submitted to the Principal for approval. The principal will audit the expenses, authorize the bills, and transmit them to the accounts department for further process.

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/Audited%20Statement%202020-2021.pdf
Upload any additional information	View File

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

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

5.4

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

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

The Institution has a transparent and well planned financial management system in which students, government and management are the main sources of funds. The Resource mobilization policy focuses on achieving the goals and target of the institution ensuring accountability and transparency. The harmonized Governing Council coordinates and monitors the optimal utilization of the funds for the promotion of learner-centric ecosystem.

The Institution is a centrally managed non-profit organization with honorary governing council members which ensures the income generated is spent optimally in the institution itself. A financial department is in place to manage the managed funds. Funds are provided to meet the infrastructure requirement of the institution while starting new programmes and centers. The management provides financial supports to seminars/workshops/expert talks/association activities/faculty development programmes. The extracurricular activities of the students are a major concern and adequate funds provide for sports and cultural activities. Scholarships are granted to the deserving students. Provident fund(PF) benefits are provided to the management appointed staffs.

Financial resources of the institution are

- Tuition fee
- Hostel fee
- Government funds/grants
- Alumni contribution

Tuition fee is used for the infrastructure and academic activities. Government funds and alumni contribution are optimally used for which the amount is sanctioned/contributed. Transparency and accountability is ensured by conducting an

annual audit.

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/C6/6.4.3.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

Internal Quality Assurance Cell (IQAC) was formed with the objective to develop a quality system for conscious, consistent and catalytic programmed action to improve the academic and administrative performance of the Institution. IQAC of Jansons Institute of Technology has established a Quality Management System PDCA (Plan-Do-Check-Act) approach. IQAC has initiated and implemented Examination reforms and Student Induction Program (SIP).

Examination reforms is implemented to achieve objectives and program outcomes, which are crucial and need to be proven through accurate and reliable assessments for the following

1. Case Study
2. Project (JIT IaaS / Virtual Lab / Simulation based)
3. MOOC Certification
4. Seminar
5. Internships / Fieldwork / Industrial training
6. Industrial Readiness Courses
7. Value Added Courses

Three week Student Induction Program was conducted at Jansons Institute of Technology to prepare newly admitted undergraduate students for the new stage in their life by facilitating a smooth transition from their home and school environment into the college environment through the following 8 activities

1. Universal Human Values (UHV-I)
2. Physical Health and Related Activities
3. Creative Arts and Culture
4. Literary Activities
5. Proficiency Modules
6. Lectures by Eminent People

7. Visits to Local Areas
8. Familiarisation to institution, Department and and Extra-Curricular Activities in College

To implement these activities 37 faculty members were trained and certified by AICTE – UHV mentoring program.

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/C6/iqac%20Activities.pdf
Upload any additional information	View File

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

The Internal Quality Assurance Cell (IQAC) established a Quality Procedure "QP03 – Academic Process" which details all the teaching learning process, its structure, methodologies of operation and learning outcome. The method of communication, monitoring, responsibility, and control measures of academic process is defined.

Delivery of course content, its effectiveness and timely completion of syllabus is monitored through class record and class committee meetings. Actions against deviations are planned and progress is monitored.

Feedback on course is collected twice in a semester and analyzed by the Head of the respective Department and corrective / improvement actions are recommended and the progress is monitored. Stakeholders' feedback on curriculum is also collected, reviewed and actions against recommendations are initiated based on the comments of the Department Academic Council/Governing Council.

The attainment of course outcomes is assessed by respective course faculty and class advisor. Level of course attainment and programme attainment are discussed in the Department Academic Council and improvement suggestions are recommended and implemented.

All the activities pertaining to the teaching learning process

are communicated to IQAC periodically and the progress of all recommended actions are monitored and verified by auditors at end semester internal audits. Corrective actions against deviations are initiated and the progress is verified in the next audit.

File Description	Documents
Paste link for additional information	http://jit.ac.in/aqar/C6/iqac%20Activities.pdf
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	**C. Any 2 of the above**

File Description	Documents
Paste web link of Annual reports of Institution	http://jit.ac.in/iqac_rep.php
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

Jansons Institute of Technology impart equal rights, opportunities and ensure gender equity inside the campus. The programs offered are common to all genders. The institution instigates the importance of gender equity through the Student

Induction program conducted for fresher. This assists them to ease the transition, enrich on equity and emotional intelligence. The internal women caring cell of JIT takes care of gender sensitizing issues and representation of male faculty in the cell helps to establish gender equity.

Curricular Activities

Courses in the curriculum emphasizing gender equity & sensitization are deliberated to all the students to mark its importance (GE8291 -EVS Unit 5- Women and child welfare).

Co-curricular Activities

Separate Sport events are conducted for boys and girls through house activities. The co-curricular activities enrich the students and it assists the girls to excel in NPTEL exams, Olympiad, receive acknowledgment from international societies.

Facilities for women on campus

- 24x7 CCTV/Cameras covers the entire campus.
- Proper entry and exit of visitors are registered.
- Security guards are deployed at notable places in JIT
- Proper lighting and transportation facility provided for all when they extend working hours.
- Effective mentoring to address gender sensitization.
- Separate common rooms with male and female attendants for boys' and girls' students.

File Description	Documents
Annual gender sensitization action plan	http://jit.ac.in/gen_eq.php
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	http://jit.ac.in/aqar/C7/7.1.1.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/	B. Any 3 of the above

power efficient equipment

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

The Institution is conscious of its responsibilities to the environment and has taken initiatives in waste management to maintain an eco friendly campus.

Solid Waste Management

The major solid waste generated in the campus includes, Paper which is collected in yellow dustbin, Leaf litter and Kitchen waste which are collected in green dustbin are disposed regularly. Paper free communication in its extreme priority is being practiced in the campus. Metal and wooden waste is given to authorized scrap agents for processing. Food waste is collected and given to authorized agents for further beneficial use/disposal.

Liquid Waste Management

The College has installed a Sewage Treatment Plant of 100 KW to treat wastewater carried through the underground pipelines and used for gardening purposes alone.

E-waste management

E- wastes like computers, keyboards, mouse's etc are collected and are replaced/disposed of and periodically serviced as per the existing AMC. UPS Batteries are recharged and replaced by the suppliers.

Waste recycling system

The treated wastewater from the Sewage Treatment Plant is being effectively recycled for plants and trees in the campus for gardening purposes as it is not suitable for other purposes.

Chemical waste management

In the chemistry laboratory, solutions are prepared in very dilute concentrations and it is discharged along with domestic effluent from academic block.

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	View File

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

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

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
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).

Jansons Institute of Technology offers an inclusive environment without any prejudice towards cultural, regional, linguistic, communal and socio economic differences. The cultural harmony is developed by celebrating cultural festivals like Onam, Ugadhi, Pongal inside the institution and the active participation of the students nourishes cultural diversity.

Students from states of Kerala, Andhra Pradesh, Karnataka and Assam are admitted to pursue their degree programmes at JIT and this develops regional and linguistics tolerance among them. The linguistic barrier is overcome by upholding the medium of instruction in English. Celebration on Mother Language Day, painting competition helps to create linguistic harmony.

To develop communal harmony, the institution organises cultural programs to celebrate cultural diversity in India. Students from various regional and cultural backgrounds participate in such programs and present their regional or cultural folk songs and dances. Seminars organised for the students on Tolerance & Harmony, Basic Aspirations of Human Being develop communal harmony and tolerance.

The awareness webinars on Mental Health and Well-being, Dental Health, Managing Anxiety and Stress - COVID-19 were organized to sensitize on gender diversity. The NSS and Social Responsibility Club conduct community service activities and creates harmony towards socioeconomic diversity in the society.

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

Jansons Institute of Technology always focuses on the development of students by inculcating the sense of human values, rights, patriotism and responsibilities to make them a responsible citizen. The main objectives are to develop interaction between society and educational institutions, to sensitize students and employees so that the norms and values of human rights and duties, and education programmes are realized. Through VE-SIP cell (Value Education - Students Induction programme cell), values are imparted to the students from first year during bridge course. The course GE8076 - Professional Ethics in Engineering has been taught to all students.

Independence Day and Republic Day Celebrations

Jansons Institute of Technology celebrates the auspicious day with great honor and enthusiasm every year. The celebration began with marching by NSS cadets.

Electoral awareness

The voter's day is celebrated every year. This electoral awareness campaign was organized for first-time voters on our campus. It motivates the students to exercise their right to vote.

Legal awareness

Grievance cum redressal cell and Anti Ragging committee organizes various awareness programs to educate the students about their basic rights.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://jit.ac.in/rights&duties.php
Any other relevant information	http://jit.ac.in/aqar/C7/7.1.9.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	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

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

Jansons Institute of Technology celebrates national and international commemorative days to inculcate constitutional responsibilities, patriotic spirit and to foster unity for all. The institution organized programmes for Days of National Importance like 'Independence Day', 'Republic Day' and Gandhi Jayanti with fervor and festivity.

Apart from above mentioned days, JIT also celebrated

- **International Day of Non-violence and webinar on Gandhi jayanthi on 1st and 2nd October 2020. Internationally this day is celebrated as the International Day of Non-Violence**

- **National Youth Day on 9th January 2021 to commemorate the birth anniversary of Swami Vivekananda.It is Celebrated to make every young generation come across many ideas and plans to cultivate a proper plan to develop every sector in the right way.**

- **Webinar on Netaji's Birth Anniversary on January 23, 2021 with the objective of remembering and honoring one of the vigorous freedom fighters of India, Netaji Subhash Chandra Bose.**

- **International Women's Day is celebrated on 8th March.The important contribution of women in the development of the world economy,political and social participation of women in empowering the nation was emphasized during the program.**

- **Rabindranath Tagore's 160th birthday celebration is done on 7.05.2021 as a Online poetry contest**

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.

Best Practice: 1

1.Title of the Practice

Utilizing Flipped Classroom to Enhance Learning through Self-Hosted JiT eEDU Services.

2.Objectives of the Practice

To enhance e-learning characteristics through extensive use of e-content.

3. The Context

Large use of self-developed LMS software, JiT eEDU, is encouraged and practiced to provide need-based learning.

4. The Practice

Embedded Interactive H5P videos & Virtual Lab are used for online learning and create attentiveness among students to learn.

5. Evidence of Success

Open and remote access coaching has increased % of placement from 73.33 (AY2016-2020 batch) to 93.44(AY2017 -2020).

6. Problems Encountered and Resources Required

Optimization of server capacity was a challenge. Internet bandwidth resource mobilized adequately to 100MBPS.

Best Practice: 2

1.Title of the Practice

Introducing Case Studies in all courses.

2. Objectives of the Practice

To introduce new concepts & course-specific skills with practical examples to the students.

3. The Context

Implement student-centric problem-based TLP and provide direct participative learning to improve their analytical skills.

4. The Practice

- Group case studies for each course & participate in problem-solving discussions with faculty tutoring.

- Experience to report & video preparation processes.

5. Evidence of Success

Students got selected for internships in IIT Bhopal, Zinnov, Six Phrase, Intershala and extended it to projects. This was possible because of the improved analytical skills of the students.

6. Problems Encountered and Resources Required

Faculty had to work hard to generate the case studies for TLP. But with motivation, the teachers raised to the occasion and the initiative was a good success.

File Description	Documents
Best practices in the Institutional website	http://jit.ac.in/best_practices.php
Any other relevant information	http://jit.ac.in/aqar/C7/7.2.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

Institutional Distinctiveness -Accomplishment of Overall Personality Development through various clubs and societies

The primary objective of our institution is to pursue overall personality development among budding professionals.

Technical clubs viz., Andrios club, IIoT club, ECO club, programming club, Data Analytics club etc are functioning successfully. Students won recognition from the TNSCST projects scheme. In Smart India Hackathon, students have reached the grand finale.

Professional societies viz., IEEE, ISTE, ICI, IIPE, CSI, ICT etc., help them to reach milestones. Our Student became brand ambassador for IEEEXtreme 15.0 and got nominated for global awards too.

Personality and Character Development Cells viz., NSS, YRC, IWCC, VE-SIP cell, JSC and JIT SuCe helps students to become a responsible citizen and build values and ethics. As a recognition, two volunteers of NSS got the best volunteer award from Anna University, Chennai. In sports club, students are well

trained and won bronze medal in Tamilnadu state kickboxing championship.

Innovation, Career Enhancement and Continuous Education Cells viz., EDC, ToPCel, convert students to entrepreneurs, government employees and also helps to pursue higher studies.

Non-Technical Clubs viz.,Tamil mandram, MOPHO club, ARCRA club and Music club explore students talents and won appreciation award in the tamil elocution jointly organized by IEEE INSPIRE INDIA and IEEE WIE AG and debate programmes.

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

- Accelerated progression in implementation of NEP 2020
- Priortrizing innovation, nurturing start-ups and incubation
- Curricular enrichment in the field of emerging technology
- Improving Student Enrolment and enhancing students' learning experience
- Catalyzing innovation and research culture in the institution
- Improving students' success in academics and starting a career
- Enhancing extension and outreach activities along with co-curricular and extracurricular activities
- Knowledge enhancement of faculty and staff