# YEARLY STATUS REPORT - 2023-2024

| Part A | |
|--------|--|
| **Data of the Institution** | |
| 1.Name of the Institution | JEPPIAAR INSTITUTE OF TECHOLOGY |
| • Name of the Head of the institution | Dr.J .VENU GOPALA KRISHNAN |
| • Designation | PRINCIPAL |
| • Does the institution function from its own campus? | Yes |
| • Phone no./Alternate phone no. | 07401222007 |
| • Mobile No: | 07401222007 |
| • Registered e-mail | principal@jeppiaarinstitute.org |
| • Alternate e-mail | principal@jeppiaarinstitute.org |
| • Address | Kunnam Sunguvarchatram Sriperumbudur Tamilnadu |
| • City/Town | Kanchipuram |
| • State/UT | Tamil Nadu |
| • Pin Code | 631604 |
| 2.Institutional status | |
| • Affiliated / Constitution Colleges | Affiliated |
| • Type of Institution | Co-education |
| • Location | Rural |

| | |
|---|---|
| • Financial Status | **Self-financing** |
| • Name of the Affiliating University | **Anna University** |
| • Name of the IQAC Coordinator | **Dr.S.SHENBAGA EZHIL** |
| • Phone No. | **6380381924** |
| • Alternate phone No. | **9487658299** |
| • Mobile | **638038924** |
| • IQAC e-mail address | **iqac@jeppiaarinstitute.org** |
| • Alternate e-mail address | **shenbagaezhil@jeppiaarinstitute.org** |
| **3.Website address (Web link of the AQAR (Previous Academic Year)** | https://www.jeppiaarinstitute.org/national-assessment-and-accreditation-council-naac/ |
| **4.Whether Academic Calendar prepared during the year?** | **No** |
| • if yes, whether it is uploaded in the Institutional website Web link: | https://www.jeppiaarinstitute.org/wp-content/uploads/2025/01/Academic-Calender-Merged-2023-2024.pdf |

**5.Accreditation Details**

| Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to |
|---|---|---|---|---|---|
| **Cycle 1** | **A+** | **3.28** | **2023** | **06/10/2023** | **06/10/2028** |

| **6.Date of Establishment of IQAC** | **22/06/2019** |
|---|---|

**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 | View File |

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

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

`SAR submitted for CSE and IT department`

`Autonomous Process started`

`NPTEL course registration count increased`

`Increased the intake count of CSE department`

`Placement Count increased`

**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 |
|---|---|
| Autonomous Process | Submitted the application form of Autonomous |
| Special Coaching for slow learners | Individual mentor system introduced |
| FDP participation | All the faculty members have attended 5 and above days of FDP |
| NPTEL registartion | NPTEL count of faculty members and students incresed |
| NAAC re assessment Process | NAAC Re assessment Application submitted |

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

- Name of the statutory body

| Name | Date of meeting(s) |
|---|---|
| Governing Council | 15/06/2024 |

**14.Whether institutional data submitted to AISHE**

| Year | Date of Submission |
|---|---|
| 2023-2024 | 10/01/2025 |

**15.Multidisciplinary / interdisciplinary**

Jeppiaar Institute of Technology, Kunnam offers a variety of programs in the Engineering fields. The institution gains a multidisciplinary status as a result of the programs it offers in various streams. The programs available follow the CBCS (Choice Based Credit System) pattern, where the credits assigned to the recommended courses are specific. Each course has a set number ocredits and is designated as Core, Professional Elective, Open Elective, Skill-Based, or Value-Based. Experiential learning is included in almost all UG programs in the form of projects, and internships. All UG students must take an environmental studies course as part of their curriculum in order to become environmentally aware and sensitive. Values Education that places a strong emphasis on fundamental human and life values is also

included in the curriculum. Students are guaranteed to develop holistically due to the breadth of variousprograms and the precise objectives of various courses. Students who sign up for research programs will be urged to conduct interdisciplinary research that will help find the best answers to today's problems and challenges. All programs include a nonmajor elective course in which students from a specific program are exposed to multidisciplinary education by selecting a course from a different domain.

## 16.Academic bank of credits (ABC):

Students with undergraduate and graduate degrees from ABC are permitted to withdraw from and retake the course within a predetermined window of time. The college has fewer options forimplementing the ABC system because it is an affiliatedinstitution. However, the organization will follow the rules set forth by the affiliated university. The institution has not yetmade any efforts to register with ABC. At our college,instructors are encouraged to offer insightful recommendationsfor the creation of curricula. Senior teachers who are Chairpersons or Members of the University's Board of Studies offer their opinions on curriculum enrichment. Each student will be able to open a distinct or individual Academic Bank Account through Academic Bank of Credits. Additionally, the owner of the account will be given a special ID and access to the SOP (SOP). By allowing students to earn credits from a variety of HE Is registered under this scheme as well as through SWAYAM, an online repository of courses, the ABC Regulations aim to support blendedlearning. Instructors are constantly encouraged to experimentwith novel, learner-centered pedagogies. In addition to the required text and reference books, teachers are free to use any other book or piece of content with content related to the topics covered in the syllabi when teaching and learning.  Teachers arealso encouraged to provide additional resources and readingmaterials. The evaluation criteria for both internal and external evaluations prescribed by the affiliating university is strictly followed.

## 17.Skill development:

Implementing specialized programs run by subject-matter specialists improves the development of soft skills. The institution "provides value-based education" through a number of initiatives in addition to teaching the curriculum. Life skill programs are held to advance moral principles. Important days like Republic Day, Independence Day, International Yoga Day, National Mathematics Day Celebration, Independence Day, National Integration Day, and many other significant days / events are observed to encourage national

integration. On these occasions, competitions are held to inspire students and cultivate optimism in young people.  Every Undergraduate student admitted to the college is required to join one of the technical and nontechnical clubs.

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

India is a cultural treasure trove with a long history that hasproduced a plethora of art, literature, traditions, artifacts,linguistic expressions, and heritage sites. Language, inparticular, influences how members of a culture communicate withothers, including family members, superiors, peers, and strangers, as well as the tone of their conversations.Conversations between speakers of a common language, throughtheir tone, perception of experience, and familiarity, reflectand preserve a culture (or "apnapan"). As a result, our languagesserve as cultural containers. Since its inception, the college has worked to promote our country's culture and history. The elective courses prescribed in the programme focus on Indian tradition, culture, philosophy, and knowledge system. Being a higher learning institution, the college adopts English language as the medium of instruction. The institution has also observed the difficulties faced by students with the use of English for class room instruction. Taking the socioeconomic, cultural, and linguistic backgrounds of the students into consideration the teachers are also encouraged to go with bilingual method of teaching. It has also been discovered that the bilingual mode of delivery improves students' receptive skills. Because the majority of our students come from rural areas, and for a better understanding of the subjects taught, bilingual delivery isencouraged in almost all programs. The college promotes Indian culture and tradition by offering an Indian Culture program, which is one of the state's rare subjects.

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

Outcome-based education is a system in which all aspects of education are focused on the outcomes of the course. Students enroll in courses with the intention of learning new skills or expanding their knowledge, and they must complete the goal by the end of the course. There is no predetermined learning style or time frame. The student is free to learn at their own pace. Students are guided by faculty, moderators, and instructors based on the desired outcomes. Syllabi for programs and courses specify specific program and course outcomes. Through BoS and Academic Council meetings, the affiliating university is sufficiently  represented in curriculum design and development to place a greater emphasis on course outcomes. There

**needs to be a bigger emphasis on experiential learning in the course offerings. We incorporate project work, job-seeking courses, and skill-based courses into our curricula to make our education outcomes-based. In recent years, the institution has witnessed a move away from conventional teaching methods as the learning process has become more learner-centered. Students are evaluated continuously internally through assignments, seminars, peer team teaching, group discussions, and quizzes.**

**20.Distance education/online education:**

**As an affiliated institution, the college only offers regular programs. There are no online or distance learning programs available. The college has seen many stages of the teachinglearning process during its educational journey. Previously, the most popular teaching method was chalk and talk. With advances in science and technology, the education industry has been completely digitalized in recent years. Our college encourages the use of ICT in the teaching and learning processes. To keep up with modern demands, our management is constantly updating the college's ICT infrastructure and facilities. In the post-Covid era, numerous virtual platforms are now utilized in teaching and learning. Both the teacher and student communities are now accustomed to a variety of online teaching resources. During the pandemic, the institution used blended learning most effectively. The institution has experimented with online exams, online quizzes, webinars, and online assignments in addition to traditional in-person classes as part of blended learning.**

## Extended Profile

**1.Programme**

1.1                                                                              **353**

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

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

**2.Student**

2.1                                                                              **1088**

Number of students during the year

| File Description | Documents |
|---|---|
| Data Template | View File |

2.2                                                                  **669**

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

| File Description | Documents |
|---|---|
| Data Template | View File |

2.3                                                                  **232**

Number of outgoing/ final year students during the year

| File Description | Documents |
|---|---|
| Data Template | View File |

**3.Academic**

3.1                                                                  **74**

Number of full time teachers during the year

| File Description | Documents |
|---|---|
| Data Template | View File |

3.2                                                                  **74**

Number of Sanctioned posts during the year

# Extended Profile

## 1.Programme

| | |
|---|---|
| 1.1<br><br>Number of courses offered by the institution across all programs during the year | **353** |

| File Description | Documents |
|---|---|
| Data Template | View File |

## 2.Student

| | |
|---|---|
| 2.1<br><br>Number of students during the year | **1088** |

| File Description | Documents |
|---|---|
| Data Template | View File |

| | |
|---|---|
| 2.2<br><br>Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year | **669** |

| File Description | Documents |
|---|---|
| Data Template | View File |

| | |
|---|---|
| 2.3<br><br>Number of outgoing/ final year students during the year | **232** |

| File Description | Documents |
|---|---|
| Data Template | View File |

## 3.Academic

| | |
|---|---|
| 3.1<br><br>Number of full time teachers during the year | **74** |

| File Description | Documents |
|---|---|
| Data Template | View File |

| | |
|---|---|
| 3.2 <br><br> Number of Sanctioned posts during the year | **74** |

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

## 4.Institution

| | |
|---|---|
| 4.1 <br><br> Total number of Classrooms and Seminar halls | **32** |
| 4.2 <br><br> Total expenditure excluding salary during the year (INR in lakhs) | **423** |
| 4.3 <br><br> Total number of computers on campus for academic purposes | **500** |

# 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

Vision, Mission, Program Educational Objectives (PEO), Program Outcomes (PO), Program Specific Outcomes (PSO), and Course Outcomes (CO) are well-defined to follow Outcome-Based Education (OBE). Department Advisory Board (DAB) is framed with various stakeholders and periodical protracted meetings are conducted to develop strategies for incorporating the industry standards in the curriculum.

The academic calendar and activities are planned in alignment with Anna University's academic schedule. The timetable includes class hours, value-added courses, Placement training, counselling hour, research hour and library hour. The teaching-learning process is enhanced with various ICT tools - project-based learning, blended learning, LCD projectors, digital library, language labs, Powerpoint Presentation, role play, grouppresentation & assignments, quiz, and audio-visual aids. Practical and Theory courses are given more emphasis on content beyond the syllabus to

bridge the curriculum gaps. Various other learning methods like workshops, seminars, guest lectures, field visits, industrial visits, in-plant training, andinternship are adapted to fulfill the curriculum gap. To facilitate skill enhancement, Value Added Courses (VAC) that are approved and credited by the affiliating university besides Add-on courses are conducted every semester that acts as a prerequisite for the VAC. Mentoring support is given to improve the student's performance. Industrial collaborations are encouraged through MOU's to expose students to the current industrial needs. Various activities are being arranged through the MOU's on regular basis. Feedback from students, employers, alumni, and parents are collected and analyzed, suitable remedial actions are carried out.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | [View File](#) |
| Link for Additional information | Nil |

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

A committee consisting of the Principal, Heads of the Department, and Exam Cell prepares the academic calendar in lieu of HODs well in advance before the commencement of the semester. The college adheres to the academic calendar provided by the University for the Conduction of a continuous internal evaluation system. The schedule of external examination is fixed by the University and is displayed on the notice board for students. In case of anychange in the University schedule, the changes are required to be made in the continuous internal evaluation system as well. Thesechanges are communicated to the students well in advance. However,all efforts are made by the Institute to adhere to the academic calendar for CIE. The regular monitoring is done by the Governing Council, Planning & Monitoring Board, and Department Advisory Board. The Principal conducts curricular and extracurricular review meetings on regular basis to check the implementation and progress of all the activities in the academic calendar. Based on these review meetings, the changes in the schedules of activities are made if required. Further, extra lectures are scheduled to complete the syllabus before the university examination. Every department must submit the compliance of the academic calendar as part of their annual submissions. Besides the internal audit conducted which ensures the compliance to verify with documentary

**evidence.**

| File Description | Documents |
|---|---|
| Upload relevant supporting documents | View File |
| Link for Additional information | Nil |

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

| File Description | Documents |
|---|---|
| Details of participation of teachers in various bodies/activities provided as a response to the metric | View File |
| Any additional information | View File |

## 1.2 - Academic Flexibility

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

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

11

| 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)**

5

| 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**

581

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

581

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

**1.3 - Curriculum Enrichment**

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

Gender Sensitivity: Students are sensitized and encouraged to work towards gender equity from a cross-cultural perspective. For maintaining equality among the staff and students, the Women's Grievance committee and Anti-ragging committee are active. Counseling services are provided through a Mentoring Cell. Gender sensitization camps are organized in rural areas that includewomen's rights, human rights, and gender equality. Equal opportunities are given to both genders in terms of admission, academics, employment, training, co-curricular and extracurricular activities. Environmental Science course is offered to all branches of Engineering in 2008, 2013, and in 2017 regulations, respectively. It focuses on Environment, Ecosystems, Biodiversity,

addresses environmental pollution and conservation of natural resources. Core Courses along with the wide range of community outreach programs that include health and hygiene camps, and village adoption, enable exposure to real-life situations.

Professional Ethics and Human Values: Moral and ethical values are an integral part of the education of the students. Our faculties put their best efforts to groom students and make them a responsible citizen. Celebrating the day of Nation importance which imbibes the nation values in the students. Independence Day, Republic Day, Gandhi Jayanti, Teacher`s Day, International Yoga Day, Youth Day, May Day,etc.

| 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

581

| 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 |
| Number of courses that include experiential learning through project work/field work/internship (Data Template) | View File |

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

**265**

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

**1.4 - Feedback System**

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

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

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

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| URL for feedback report | **Nil** |

**TEACHING-LEARNING AND EVALUATION**

**2.1 - Student Enrollment and Profile**

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of sanctioned seats during the year**

360

| 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**

669

| File Description | Documents |
|---|---|
| Any additional information | No File Uploaded |
| 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

Bridge Courses, a supplementary knowledge that is provided to impart basic knowledge to bridge the gap orienting their academics and eliminating the fear factor that might cripple their understanding in becoming qualitative engineers. Internal Assessments are conducted thrice per semester. Based on the output of each assessment, the students are categorized into Highly Prepared, Medium Prepared, and Less Prepared. The special Timetable is scheduled for the less prepared students (Slow Learners) giving special instructional pacing, frequent feedback, corrective instruction, and/or modified materials, all administered under conditions sufficiently for learning to occur. Special supervision for groomed students to enhance their skills to get university ranks. Apart from the curriculum, students are encouraged to be a part of Professional and Personality Development Societies and Technical/Non-Technical Clubs. An exclusive training curriculum is framed that is on par with the current industrial requirements which is vaguely divided among allthe semesters to be an industry, ready person. Students who scored less than fifty percent are given more attention by

conducting classes beyond working hours, weekends, and before the commencement of the University Exams. Supporting study materials, Assignments, and Question banks along with solutions for all Anna University Question papers are given. Important topics in each course, based on university question papers are also discussed during the special classes. Mentoring to encourage students to learn by maximizing their potential is done at individual academic levels.

| File Description | Documents |
|---|---|
| Link for additional Information | Nil |
| Upload any additional information | No File Uploaded |

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

| Number of Students | Number of Teachers |
|---|---|
| 1439 | 74 |

| 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

Experimental Learning Project work is organized in two phases – Mini project and Major Project, an essential part of eachprogram. Internship or Field Projects done through the industry Participated Learning Role Play

Group Presentation Technical Quiz. Tech Talk. Project Expo Guest Lecture/Seminars/Workshops

Problem-solving Methodology

Be a part of a distinguished society at the forefront of product innovation, providing opportunities and timely information on the world of technology.

Technical Clubs It is a credit to the mental and intellectual focus of the students that many of the clubs are extensions of

their academic and career aspirations. The clubs bring about a good balance ofwork, fun and leisure activities.

Problem-solving Methodology Case studies

The case study method is adopted in the teaching-learning process to make the students need logical thinking and practical knowledge to develop problem-solving ability. Analysis and Reasoning All questions in the examination are based on analysis and reasoning. Free internet access in the library and Wi-Fi facilities on campus promotes the habit of self-learning and discussion.

Quizzes Quizzes are conducted by subject faculties in all UG programs. Students are provided with a real foundation for intellectual growth. Research Activities Research activities are conducted in each Department under the guidance of faculty where the students get knowledge about the emerging area and help them to promote Research propensity.

Value-added programs The students are also motivated to embark on the value-added program, which is designed by industry experts along with expert faculty members to fulfill the curriculum gaps.

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Link for additional information | Nil |

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

The teaching-learning process is enhanced with various ICT tools - project-based learning, blended. learning, LCD projectors, digital library, language labs, PowerPoint Presentations, role play, group presentations and assignments, quizzes, and audio-visual aids.

Various ICT enabled tools to enhance the quality of teachinglearning like - Google classroom is used to manage and post course-related information - learning material, quizzes, assessment and evaluations, assignments, etc. The PPTs are enabled with animations and simulations to improve the effectiveness of the teaching- learning process.The electronic resource packages like DELNET, NPTEL, SPOKEN TUTORIAL and Digital Library are

available. The faculty memberseffectively utilize Audio-Visual aids to demonstrate the conceptsto the students using the resources from National Programme on Technology Enhanced Learning (NPTEL) to enhance the learning experience. IIT Labs, Lab Alive, Online Octave, and Value@Amrita virtual labs are used where faculties can teach and examine the practical's performed by the students.

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Provide link for webpage describing the ICT enabled tools for effective teaching-learning process | Nil |

## 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

11

| 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

74

| 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**

**22**

| 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**

**74**

| 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.

Institution is affiliated to Anna University and follows the guidelines of the University for conducting the internal assessment examinations. As per the Anna university schedule, the academic calendar has been framed by discussing with the Principal, HODs along Exam Cell coordinator. The institute conducts three internal assessments (Mid Sem 1, Mid Sem 2, and Model) respectively. As per the schedule mentioned in the academic calendar, the timetable is framed by the exam cell based on the syllabus coverage report and the same will be approved by the Principal. The faculty members send the question bank to the exam cell in theprescribed format. The course coordinators prepare two sets of question papers based on Bloom's taxonomy. The question paperdispenses relevant Course Outcomes (CO's) and submits the same to the Exam Cell. On the day of the examination, one set of question paper will be selected by the Exam Cell coordinator on a random basis. The Central Evaluation system is followed for answer script validation based on the answer key. Marks will be submitted to the Exam Cell after the distribution of answer scripts and the required corrections are done by the respective faculties. During the counseling session, the counselor discusses with the students about personal or subject- related issues. The class committee meeting is conducted before the commencement of each Internal Assessments to know the feedback and grievances from the students such as syllabus coverage, availability of study materials, course devlivery, etc.

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Link for additional information | Nil |

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

Internal assessment is conducted as per the academic calendar and the Anna university web portal schedule.

The dates are announced and displayed on the notice board before the commencement of the exam. Students are informed about the parameters of the assessment system well in advance. Spot evaluation is done by the subject handling faculty member and the report will be submitted to the internal assessment cell.

The internal assessment marks are awarded based on the marks scored by the students in all the three internal assessments as

prescribed by the University.


The report of internal marks and attendance is verified by the head of the departments, Principal and the marks is entered in Anna University web-portal The students can view their external and internal marks in the Anna University web portal using their login credentials. The details of the internal assessment mark are sent to theirparents through SMS and progress reports. The students' progress is discussed during parents' meetings held every semester. All the examination related instructions provided by Anna University is displayed on the notice board and informed to the students. If any malpractice is found during Anna University's semester examination, it is immediately reported to the university through the invigilator, university representative, and Chief Superintend, and necessary action will be taken by the University, as per the university norms.

| File Description | Documents |
|---|---|
| Any additional information | [View File](View File) |
| Link for additional information | Nil |

## 2.6 - Student Performance and Learning Outcomes

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

Institute Website Institute Prospectus Institute Placement brochure Department Magazine Department Newsletter College Magazine The Vision, Mission, and PEOs are disseminated as follows.

HOD chamber Staff rooms Department notice board. Laboratories Laboratory manual Handbook Lesson plan The awareness of Vision, Mission, and PEOs is created among the internal and external stakeholders through: Alumni meet. HR meet. Achievers Day.

Graduation Day. College Day. Class committee meetings. Parent-teachers meeting. Progress Report. Induction program for fresher's. Governing Council. Department Advisory Board

Planning and Monitoring Board. Internal Quality Assurance Cell. Professional & Personality Development Society. Response:

The course outcomes are written by the respective faculty member using action verbs of learning levels suggested by Bloom and Anderson. A correlation is established between COs and POs on a scale of 1 to 3, 1 being the slight (low), 2 being moderate (medium) and 3 being substantial (high). A mapping matrix is prepared in this regard for every course in the program including the elective subjects. Attainment of Course Outcomes COsare narrower statements that describe what students are expected to know and be able to do at the end of each course. Attainment Level 1: 60% of students scoring more than University average percentage marks or set attainment level in the final examination. Attainment Level 2: 70% of students scoring more than University average percentage marks or set attainment level in the final examination.

Attainment Level 3: 80% of students scoring more than Universityaverage percentage marks or set attainment level in the final examination.

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for Additional information | Nil |
| Upload COs for all courses (exemplars from Glossary) | View File |

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

The process of attainment of COs, POs, and PSOs starts from writing appropriate COs for each course of the program in a fouryear engineering degree. Attainment Level 1: 60% of students scoring more than University average percentage marks or set attainment level in the final examination. Attainment Level 2: 70% of students scoring more than University average percentage marks or set attainment level in thefinal examination. Attainment Level 3: 80% of students scoring more than University average percentage marks or set attainment level in the final examination. Program Outcomes (POs) are one step broader statements than C Oshat students are expected to know and be able to do upon graduation. These relate to the skills, knowledge, and behavior that students acquire throughout the program. It is required to compute the attainment levels for PSOs in addition to computing attainment of POs.

Program outcomes and 'program specific outcomes' are attained

through the attainment of COs. Direct attainment of PO's – The average of individual PO attainment values. Indirect attainment of POs and PSOs – Student exit surveys, Employer surveys, Alumni Surveys, etc. A distinct questionnaire was designed for this purpose and the average responses of the outgoing students for each PO are computed.

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

## 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

185

| 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 | Nil |

## 2.7 - Student Satisfaction Survey

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

https://jeppiaarinstituteorg-my.sharepoint.com/my?id=%2Fpersonal%2Figac%5Fjeppiaarinstitute%5Forg%2FDocuments%2F2%2E7%2E1&login_hint=iqac%40jeppiaarinstitute%2Eorg

## 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)**

4

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

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

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

4

| 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 |

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

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

40

| 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 |

## 3.2 - Research Publications and Awards

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

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

**22**

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

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

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

**107**

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

## 3.3 - Extension Activities

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

**An online 'Disaster Management Programme' was conducted for YouthRed Cross Society volunteers on 22.05.2023between 3.30 to 4.30 pm. Eminent trainers like Thiru. Rajasekar, Disaster**

**Management Trainer and speakers made this a great success. YRC Volunteers participated and benefited from programmes on First Aid, Blood Donation and Yoga. The program was supported by IRCS-TNB.**

| File Description | Documents |
|---|---|
| Paste link for additional information | **Nil** |
| Upload any additional information | <u>View File</u> |

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

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

**3**

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

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

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

**393**

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

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

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

**393**

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

**3.4 - Collaboration**

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

**11**

| File Description | Documents |
|---|---|
| e-copies of linkage related Document | View File |
| Details of linkages with institutions/industries for internship (Data Template) | View File |
| Any additional information | View File |

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

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

**5**

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

**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.

JIT provides state of art infrastructure to the students to become a globally recognized center of excellence for science, technology & engineering education, committed to quality teaching, learningand research. The college has a positive progressive approach for the creation and enhancement of the infrastructure which facilitates the effective teaching-learning process. The infrastructure facilities and learning resources are categorized as under:

1. Learning Resources include resources and infrastructurerequired for the library, laboratories, computing center, WiFi Zones, ICT enabled Smart classroom, technical and nontechnical events, placement activities, and conferences. 2. Plagiarism Checker X 2019 Professional Software to uplift the original research works. 3. Support facilities include hostels, non-resident students' centers, cafeteria, seminar halls, organic farms, ATM, CCTV Surveillance, and sports grounds. 4. Utilities include safe drinking water, restrooms, and power generators.

The College promotes co-curricular activities to expand the knowledge of the students beyond the curriculum and to provide industrial exposure. The laboratories are equipped with futuristic equipment and are sufficient to conduct the experiments as per the Anna University (AU) curriculum. The college has established Centers of Excellence namely Robotics Process Automation (RPA), Cyber Security, Nano Satellite Research, etc.

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

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

**The College has excellent facilities for both outdoor and indoorgames. Outdoor courts/stadium are available for Basketball, Cricket, Football, Kabaddi, Throw-ball, Kho-Kho, and Volleyball.Indoor facilities are available for chess and carom board. A fullyequipped gym with both cardiac training equipment and weight training equipment is available in the campus.Outdoor Sports Facilities Basketball – 28,024 Sq.Feet (Men's Court), 6,962 (Women'sCourt) Football – 75,768 Square Feet Kabaddi – 4510 Square Feet Throwball – 5,439 Square Feet**

**Kho-Kho – 6,370 Square Feet Volleyball – 5,439 Square Feet Indoor Sports Facilities (20,806 Square Feet) Chess Carom Board Gym Facilities Cardiac Training Equipment Treadmill Elliptical Machine Cycling Weight Training Equipment Cross Pulley Machine Smith Machine Bench Press Isolated Multi Chest Press Lat Pull Down Machine Dumbbell Leg Press Squat Machine Arm Curl Pectoral Fly Dip & Chin Assistance Hip Adduction Hip Abduction Seated Leg curl Leg extension Cultural Activities Jeppiaar Institute of Technology strongly believes in the holistic development of the students. The college encourages many extracurricular activities. The Cultural Coordinator is assisted by a cultural committee comprising faculty members and students. Yoga Center: Gain overall balance and focus. students experience an increase in strength and flexibility, a decrease in stress levels and tension in the muscles, and a feeling of mental clarity and peace. A spacious halls are maintained for doing Meditation and Asanas in a lush green peaceful environment.**

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

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

**36**

**4.1.3.1 - Number of classrooms and seminar halls with ICT facilities**

**36**

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

**1362**

| 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 library of the college is automated through AutoLib Software. AutoLib – is a popular and advanced integrated Library automation management software. Name of ILMS software: AutoLib Software Nature of automation (fully or partially): Fully Automation Version: 5.1 (Java Version) Year of Automation: 2014 1. Database Management – Cataloging Books, Book- Bank, Thesis, Proceedings,**

```
Standards,Conference Proceedings- Reports, Patents, etc. Journal-
Issues, Articles, Bound Volumes E-Books - Digital ContentAuthority
List - Authors, Publishers, Suppliers, Subjects, Keywords.


2. Search (Online Public Access Catalogue) The module is designed
to search in the databases using the search results in the desired
format. Module includes:Simple Search - (for beginners)- to search
the database using important fields such as accession Number, Call
Number, Author, Title, Edition, Year, Publisher, Subject,
Keywords, Department, Availability, etc. Advanced Query Builder
(for experienced users) – to search the database by selecting the
desired field(s), criteria for search (starting with,
anywhere(like), truncation, word),
```

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for Additional Information | Nil |

| 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)**

62424

| 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**

**819**

| 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

In the entire campus, the LAN connects all the computers with 155 Mbps speed capacity leased line provided by BSNL Telecom. Wi-Fi connectivity is provided in the administrative and academic areas. Surplus Ethernet ports are provided all over the campus, for laptops/devices in need of internet connectivity. SOPHOS Firewall-XG is provided to prevent the unauthorized Internet users from/to accessing private networks connected to the Internet, especially intranets. The institute upgrades the software packages and purchases software currently being used in the industry to make the students industry ready.

Up gradations in IT Facilities are mentioned below, Wi-Fi Facility: Carmel Infotech, Chennai. Name of the Internet provider: BSNL Telecom, Chennai.

Available Bandwidth: 155 Mbps Security arrangements: SOPHOS Firewall-XG and McAfee Antivirus Server Name System configuration IBM Blade Center S Domain server – Windows server 12 IBM Blade Center S Processor: (Intel Xenon X3430 @ 2.40 GHz/1066MHz) 300GB *9 450GB *3 300GB*2 SAS JEPPIAAR INSTITUTE OF TECHNOLOGY / SERVER Rack Server BRAND: (Intel Xenon CPU)

```
Model: X3420 GPV Processor: (Intel Xenon X3430 @ 2.40 GHz) Memory:
RAM: (16GB / Hard disk: 2 TB) JEPPIAAR INSTITUTE OF TECHNOLOGY /
SERVER Auto Lib Server Windoews 2008 R2. Intel i3 Processor, 500Gb
Hard Disk 8Gb RAM JEPPIAAR INSTITUTE OF TECHNOLOGY / SERVER CMS
Server

Intel i3 Processor, 500Gb Hard Disk 8Gb RAM
```

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

## 4.3.2 - Number of Computers

**443**

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Student – computer ratio | [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)**

**1362.26**

| 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 college has appointed personnel for maintaining facilities such as buildings, transport, electrical, gardening etc. Separate complaint registers are maintained for various services regular cleaning of college floors, classrooms, laboratories, equipment, and restrooms are being done by the housekeeping team. Maintenance of Laboratory Equipment Periodical check-up of equipment is carried out as per schedule by the lab coordinators. The measuring instruments are calibrated regularly in addition, maintenance is being done weekly, monthly, and yearly and respective registers are maintained in the laboratories. As per the requirement, minor repairs are carried out by the lab instructors or faculty member. Vehicle Maintenance Preventative maintenance is performed daily which includes fuel and fluid level checks. Breakdown maintenance is carried out for worn-out components by sending for repair or Replacement. Vehicle records with all maintenance tasks performed vehicle miles and emission control reports are maintained. Library Maintenance Library maintenance involves continuous monitoring and verification of the stack, displaying of new material on the display racks and arrangement of the books on the racks. Also, the book, materials are cleaned at periodic intervals to reduce the damage caused by dust, insects and pest infestation. Sports Infrastructure Maintenance Indoor and outdoor sports infrastructure facilities are properly maintained by the markers throughout the year. Play field and gym equipment are also maintained regularly.

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

## 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**

**5**

| 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**

**287**

| 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 | **Nil** |
| 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**

**3218**

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

**3218**

| 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

**138**

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

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

## 5.2.2.1 - Number of outgoing student progression to higher education

**16**

| 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**

**11**

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

**5.3 - Student Participation and Activities**

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

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

**15**

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

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

**1. Class Committee Class committee meeting students express the major problems they faced in class and Specific feedback on the teaching-learning process, internal tests, covering of the syllabus, difficult areas of learning, infrastructure, attendance, etc 2. Internal Quality Assurance Cell The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the performance of institutions. 3. Grievance and Redressal committee The matters of harassment and suppression of any single individual are handled by grievance redressal cell. Students can express the general issues related to academic and**

non-academic in the meeting.

4. Anti-Ragging Committee The functions of the Anti-Ragging Squad will be to keep a vigil and stop the incidences of Ragging if any, happening/reported in the places of Student aggregation including, Classrooms, Canteens, Buses, Grounds, Hostels, etc. 5. Women's Empowerment cell The College has established a Women Empowerment Cell in the college campus to empower and safeguard the rights of female faculty, staff, and students of the College.

6. Sports Committee The student representatives along with the physical directors meet once in a quarter and take up agenda like to identify the talented students, forthcoming tournaments, sports schedule, etc. 7. Cultural Committee The purpose of the committee is to identify the talented studentsin the campus and train them suitably. This committee meets once in a month to discuss opportunities in cultural activities.

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

15

| 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 has been actively engaged during the year for the welfare of the students, college and society. All Alumni and Alumnae of Jeppiaar Institute of Technology were invited and meetings happened on several weekends online. They play a different role as mentioned below. Mentorship: Alumni used to actively mentor their juniors in the technical aspects of their expertise.

Placements: The Alumni network of the college is used to support students by providing an opportunity for placements. Career Guidance: Alumni were invited through EDC for seminars, workshops and valueadded courses. Alumni, who are working in government-based jobs, completed their higher education in reputed institutes, working in reputed core industries /software companies will be called for career guidance. Alumni who are running their start-up companies will be called to inspire through Entrepreneur development. Communication Networking: A website link is provided recently to build a strong network between the institute, present students, parents and Management.

College Alumni Day: Alumni meetings used to happen by even semester of every academic year. The event is to bring together all the old students and the faculty of Jeppiaar Institute of Technology to share their experiences.

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

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

| File Description | Documents |
|---|---|
| Upload any additional information | View File |

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

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

The strategic plans of the institution are framed based on the Vision and Mission of the institution and driven by the needs of the technical world, society, and stakeholders. All vital decisions regarding the commencement of new courses, development of infrastructure, formulating and promulgating of strategy are approved by GC. The implementation process is further discussed with the Planning and Monitoring Board, Principal and Hod's, DAB, faculties for execution. Faculties are assigned roles and responsibilities through various committees to work in a harmonious environment.

The Principal formulates the perspective plans for the institution. Principal, HoDs and Exam Cell discuss and prepare the academic calendar for the commencement of classes, internal assessment tests, conferences, project expo, workshops, seminars, FDPs, club activities, industrial visits, sports day, graduation day, celebrations, last working day, etc. The principal ensures quality standards in the teaching and learning process and other related activities. The Principal initiates various qualityenhancement programs in the institution and is assisted by IQAC, HODs, and Various committees in the decision- making process.

Department heads are empowered for preparing the operational plans for their department by getting approval from the Department Advisory Board Member. Head of Department conduct meeting periodically and the collective suggestions were given by thefaculty, students, and other stakeholders are discussed with the Principal.

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

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

The institute has a solid mechanism for delegating authority at all levels of the institutional hierarchy which empowers individual participation starting from Principal to students of

the college. Various committees are constituted with faculty members to manage different institutional activities like curricular, co-curricular, and extracurricular activities to be conducted during the academic year. Heads of the departments are empowered to plan and execute their academic and non-academic activities such as subject allocation, time-table preparation, purchase and maintenance of lab equipment and consumables, DAB Meets, MoUs, R&D, internships, industrial visit, organizing conferences, symposia, guest lectures, FDP, VAC, workshop, training and placements, club activities, personality development programs, cultural day, etc.

Delegation of Financial Powers Principal and Planning and Monitoring Board prepare the annual budget of the institution. The Purchase Manager, Principal and Department Heads are instructed to plan the budget for laboratories and various academic and non-academics. The planning and Monitoring Board in discussion with their respective members prepares the budget proposal for requirements, purchase of newEquipment, repairs and maintenances, service, training and upgradation, Research & Development and various activities like workshops, guest lectures, online courses, seminars, conferences, training, value-added courses, professional and personality development societies, industrial visits, etc. The final budget proposal is scrutinized at the department level by the concerned heads in concern with the principal.

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

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Institution has designed a strategic plan for institutional growth and the holistic development of the students such as Teaching & Learning, Research & Development, co-curricular andextracurricular activities, Industry Interaction, placements, enhancement of infrastructure. The institution achieved remarkably after implementing the strategic plans in Research and Developments, up-gradation of Faculty qualification, participation in FDP, Workshops, Training Programs, and Welfare, Training and Placements, Students participation in co-curricular and extracurricular activities.

Enhancement of infrastructure The institution seek to ensure that the students benefit from a high-quality learning environment that includes spacious classrooms/tutorial rooms, well-equipped state of the art laboratories, computer facilities, knowledge resource centers/digital library, R & D, smart classrooms, seminar halls, fully equipped A/C auditorium, Mess Halls, cafeteria, sporting facilities with indoor and outdoor complexes, rehearsal halls for cultural activities, facilities for disabled, elevator, homely hostel accommodation facilities and extensive facilities for oncampus training and placement. Research and Development.

JIT Nano Satellite Research Team collaborated with ITCA Bangalore and TMISAT-Israel to become a part of 75 Student Nano Satellites' Mission 2022 in commemorating the 75th Independence of India. Thecollege conducts FDP / Guest Lectures / Seminars / Workshops /Conferences/ Project Expo to provide a platform for the studentsand faculties to enrich their knowledge.

| File Description | Documents |
|---|---|
| Strategic Plan and deployment documents on the website | [View File](#) |
| Paste link for additional information | **Nil** |
| Upload any additional information | [View File](#) |

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

The functioning of the institutional bodies is effective and efficient through various committees.

Governing council in making decisions and sanction on administrative, academic, and non – academic-related activities, passing the annual budget of the College. Discuss important communications, policy decisions received from the university, government, AICTE, etc.Inspects the students and faculty development programs and Enhancing infrastructure facilities. Planning and monitoring committee: Planning and monitoring committee plans and monitors all academics and other activities at the institutional level. Perspective plans for the development and growth of the Institution. Advisory board plans, monitors and reviews the quality of course delivery process and attainment of outcomes.

**Head of Departments plans, executes the Teaching -Learning process, lab requirements, curricular, cocurricular, extra-curricular activities along with their team of faculties and students. Department Advisory board Plans, monitors and reviews the quality of course delivery process and attainment of outcomes. Managing Director Implementing the decisions, administration for providing the infrastructure and all the necessary facilities for the institution regarding placements, academics and non-academics, and day to the day bill passing. Principal Heads all academic, curricular, co-curricular, extra-curricular activities and Training and Placements and respective feedback mechanisms. Head of Departments Planning, executing, and monitoring the teaching-learning processes, lab requirements, department meetings, curricular, cocurricular, and extra-curricular activities along with their team of faculties and students.**

| File Description | Documents |
|---|---|
| Paste link for additional information | **Nil** |
| Link to Organogram of the Institution webpage | **Nil** |
| Upload any additional information | [View File](#) |

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

**A. All of the above**

| File Description | Documents |
|---|---|
| ERP (Enterprise Resource Planning)Document | [View File](#) |
| Screen shots of user interfaces | [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

The faculty welfare measures are registration fees for attending Faculty Training Programmes and Workshops in their field of interest. Registration fees for attending Faculty Training Programmes and Workshops in their field of interest. Financial support for Post-Graduation Programs and to attend and present their research papers in conferences/seminars/workshops/training programs at National/International Levels. Non-doctoral faculties are motivated to register for Ph.D. Program in their domains and providing on duty to pursue Ph.D.

Motivate the best performers every month and provide cashaward/Gold Coin financial supports for journal publications in reputed journals. Marriage, Housewarming gift for staff. Welfare Measures for Non-Teaching Staff Educational support to staff's children.

Emergency personal interest-free loans for medical/natural calamity. Daily Travelling Allowances for Drivers and Office Staff. Provide financial support for House Rent. Marriage, House-Warming and other function giftsfor staff. Two sets of uniforms with a pair of shoes and socks along with rain Coats / Umbrellas are given every year to the supporting staff. Lab coats are provided to the Lab Instructors and Lab Assistants.

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

73

| 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**

10

| 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**

86

| 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

**The Institute follows a well-defined appraisal process for teaching as well as non-teaching faculty, valuable to the institute as well as the faculty. As the commitment of the faculty member is not confined only to classroom teaching, factors such as research, projects, online courses, placement activities, activities of professional development, Value added courses and the efforts taken for the development of the students and the institution is also considered in the Performance appraisal form.A monthly evaluation is also done by the HOD considering the ICT tools adopted for Teaching- Learning process and the completion of roles and responsibilities towards the betterment of the institution.**

**During Achiever's day, an appreciation award of memento and gold coin is provided to the faculty member producing 100 % result in the theory subjects handled by them. An appreciation reward of Rs.1000/- is provided to the faculty with 100 % attendance. Special increments are provided to the faculty members producing an average result of 95% and above and on completion of Doctorate programs. The non-teaching staff members are also evaluated every month based on their commitment in the work, punctuality and work completion and are awarded as the Best performer on May Day, every year.**

| File Description | Documents |
|---|---|
| Paste link for additional information | **Nil** |
| Upload any additional information | **No File Uploaded** |

## 6.4 - Financial Management and Resource Mobilization

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

**The Institute conducts an internal financial audit on regular basis by the faculty team supported by the accounts department. The institute has a well-defined mechanism to inspect the usage of funds. The process of auditing starts with the budgetary preparation and there is a well-defined process for sanction of budget. A complete budget is prepared every year well before the academic year begins. The annual Budget for the respective department is prepared by the respective in-charges and submitted to the Principal. The Managing Director monitors and reviews the expenditures of the Institution. This procedure enables control over the expenses and increases operating efficiency. Further, the accounts department maintains the record of all the expenditures after the verification of vouchers and bills. External Audit Our Institution complies with the statutory auditing norms. A professional Chartered Accountant audits the income and expenditure statement at the end of every financial year. The Chartered Accountant prepares and submits the auditor's report for the financial year. The report exhibits that the statements are presented fairly in all material respects – that our Institution shows a true and fair view in the financial position, results of operations, and cash flows.**

| File Description | Documents |
|---|---|
| Paste link for additional information | **Nil** |
| Upload any additional information | <u>View File</u> |

## 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)

**27124**

| File Description | Documents |
|---|---|
| Annual statements of accounts | View File |
| Any additional information | View File |
| Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template) | View File |

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

The institution mobilizes the funds through the student's fee such as Tuition fee, transport fee, Mess fee. Students are admitted as per regulations laid by Tamil Nadu Government Higher Education. The fee amount is deposited in Public sector banks as short term deposits. Institute plans towards efficient use of the budgeted fund for each academic year. According to the guidelines specified by the Management, GC, Planning and Monitoring Board, and Principal, the report of sanctioned budget and actual expenses are submitted. Institute plans towards efficient use of the budgeted fund for each academic year. Utilization of Funds The fund is utilized for student activities such as symposiums, immersion programs, Personality Development Programmes, Scholarships, Higher Studies, Professional & Personality Development Society, etc. The fund is also utilized for Faculty Training programs, DAB Meetings, Workshops, Conference, Seminar,FDP, Value Added Courses, Guest Lecturers, Training and Placements, Industrial Visits, Trust Awards, Cash Awards for Rank Holders, Best Performer Awards, Achiever's Day, May Day, Teacher's Day, and other celebrations. Apart from this the institution also provides financial assistance to students for participation at various national and state-level cultural and sports competitions. Further, the fund is used for the payment of salary towards teaching, non-teaching staff, and administrative staff. The management also supports the staff by providing registration fees for attending Training, Online Courses, Conferences, publications, Higher Educations, Workshops, FDPs, other technical events and also provide financial supports to non-teaching faculty children's educations, and their emergency needs.

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

## 6.5 - Internal Quality Assurance System

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

**The College strives to fulfill the vision and mission objectives through periodic advisory from the management, Governing Council, Planning and Monitoring Board, and Internal Quality Assurance Cell (IQAC) of the college. Internal Quality Assurance Cell frames and follows the quality assurance strategies and processes the recommendation of the governing council. The institute follows the Quality Management System and is monitored, inspected, and ensured through ISO (DNV-GL). Internal Quality Assurance Cell (IQAC) is constituted exclusively in November 2018 for continuing thequality assurance strategies and processes. Certified by ISO 9001:2015 in the academic year 2018 – 2019, post which a periodical internal audit is conducted within the departments to ensure the quality policy.**

| File Description | Documents |
|---|---|
| Paste link for additional information | **Nil** |
| Upload any additional information | **No File Uploaded** |

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

**A glimpse of IQAC institutionalizing the quality assurance**

**1. After the students got admitted to our institution, Students .Induction Programmes programs are organized to help them to bridge the curriculum gap, and understand the system of the institutions. 2. All the students are given a fortuitous to be a member of at least one Professional society and mandatorily to be a member under the Personality Development Programmes in their first year. Besides, they participate in the Design thinking club, Science Club, Creative English Club, Ramanujam Club of**

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mathematics, Coding Club, Technical and Non-Technical Clubs, EDC
and Placement Activities. 3. Skills and knowledge inculcated
beyond curriculum education are nurturing the students into a
wholesome professional and hence our students are encouraged to
undergo Value Added Courses.
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| File Description | Documents |
|---|---|
| Paste link for additional information | **Nil** |
| Upload any additional information | **No File Uploaded** |

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

| File Description | Documents |
|---|---|
| Paste web link of Annual reports of Institution | **Nil** |
| Upload e-copies of the accreditations and certifications | <u>View File</u> |
| Upload any additional information | <u>View File</u> |
| Upload details of Quality assurance initiatives of the institution (Data Template) | <u>View File</u> |

## 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

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Response: Following are the ways and means through which the
institution shows gender sensitivity in providing facilities.
Safety and Security A generator that serves theentire campus when
the electric supply fails. Students are not allowed to meet any
unauthorized person. The identity of the visitors is properly
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**verified he/she meets his/her ward. Staff and students are requested to wear their identity cards to ease identification by security staff. A strong stand against drug and alcohol abuse, along with a zero-tolerance policy towards bullying. Common injuries and illnesses are handled with "Nurse in Home" and "Doctor on Call". 24/7 Ambulance facility with the driver.**

**CCTV enabled campus ensuring safety. Drop till doorstep at the unexpected situation like sudden illnessor practice/ coaching classes Separate hostels with strict security for girls. Creation of a better environment in college, where students can approach teachers for both educational and personal guidance. Knowledge Enhancement base for both teachers and students alike, due to effective two-way communication. Awareness and support to students for GATE, GRE, CAT, etc, and other Govt. & PSUs examinations. The motivation for higher studies and entrepreneurship. Advice and support for improvement in academic performance. Special counseling sessions for girls as and when required.**

| File Description | Documents |
|---|---|
| Annual gender sensitization action plan | **Nil** |
| 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 | **Nil** |

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

| File Description | Documents |
|---|---|
| Geo tagged Photographs | [View File] |
| Any other relevant information | [View File] |

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

Solid Waste Management 1. Separate Dustbins for recyclable and non-recyclable wastes are available in common places.

2. Paperless communication (through e-mail / WhatsApp communication) as a routine practice. 3. Metal and other scraps are given to agents for further processing. 4. Poultry Farm manures are used for our garden. The solid waste produced by the college is collected daily by the housekeeping staff and the wastes are dumped. The Liquid waste management: The sewage treatment plant (STP) is located on the southeastern side of the college.

The STP has a capacity of 300KLD and the size of the equalization tank constructed is 10.6 m x 10.6 m x 5.2 m. The college has three department blocks, two hostel blocks one canteen block, and a Kitchen area. The wastewater from the all the department and hostel block is connected to STP. The reusable computer and electronic waste are given to the licensed company which collects the e-waste periodically. The electronic equipment is periodically maintained and the services for all the types of machinery are done annually. Thus, the production of e-waste is reduced.

| File Description | Documents |
|---|---|
| Relevant documents like agreements/MoUs with Government and other approved agencies | View File |
| Geo tagged photographs of the facilities | Nil |
| Any other relevant information | 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:<br><br>1. Restricted entry of automobiles<br>2. Use of Bicycles/ Battery powered vehicles<br>3. Pedestrian Friendly  pathways<br>4. Ban on use of Plastic<br>5. landscaping with trees and plants | A. Any 4 or All of the above |
|---|---|

| File Description | Documents |
|---|---|
| Geo tagged photos / videos of the facilities | [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- | A. Any 4 or all of the above |
|---|---|

**reading software, mechanized equipment**
**5. Provision for enquiry and  information :**
**Human assistance, reader, scribe, soft copies**
**of reading material, screen          reading**

| File Description | Documents |
|---|---|
| Geo tagged photographs / videos of the facilities | 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).

We believe in unity indiversity that's why our students respect the different religion, language and culture. We feel the college is our second home and all faculties like a family member. We greet and wish each other at different festivals and invite them to have a feast to get introduced with one's culture to have amicable relations and to maintain the religious, social and communal harmony.

Similarly, our students also celebrate the different festivals with joy and enthusiasm which help them to implant the social and religious harmony. The institution selects students and trains the boys and girls in sports. Students are given free sports coaching for representing different zonal, district level competitions. The institution also serves many orphanages, helping through food, cash, and education for higher education. Students are also given

various scholarships and free education of poor Background. The Institution paves the way to many dimensions of learning through the systematic organization of scholarship for abroad, GATE,higher education and other Competitive Examination. Some of the services are done for faculty, students, and others such as health camp, blood donation camp, etc. Through this activity students get acquainted with the different culture of our nation and help to develop the tolerance and harmony towards cultural,regional, linguistic, communal socioeconomic and other diversities. This

**also crea**

| 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

**The institute hoists the flag during national festivals and invites eminent persons to inspire students and staff by informing the qualities of freedom fighters and to emphasize the duties and responsibilities of citizens. The personality development of the citizen in the aspectsntellectual, mental, physical, and spiritual is a rich heritageof our composite culture and is a panacea for all social ills. As an initiative of this, the institute conducts yoga, dance, and music classes.**

**The college curriculum is framed with mandatory courses like Professional ethics and human values, Constitution of India, Essence of Indian Traditional Knowledge, three weeks Orientation Program as a small step to inculcate constitutional obligations among the students. Guest lectures are arranged by eminent personalities to deliver lectures on ethics, values, duties, and responsibilities and on saving environment. Ethical Values, rights, duties and responsibilities of citizens**

| File Description | Documents |
|---|---|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | View File |
| Any other relevant information | View File |

| | |
|---|---|
| **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** | **A. All of the above** |

**professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized**

| 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

**JIT is committed to promote ethics and values amongst students and faculty to encourage the same, College organizes National festivals as well as Anniversaries for the great Indian Personalities this include 1. Teachers day (5th Sept) As birthday of great teacher Dr. Sarvapalli Radhakrishana. 2. Engineers day (15th Sept) The Birth anniversary of Sir M. Visvesvaraya the great Engineer of the country. 3. May Day (1st May) 4. International Women's day (8th March) 5. International Yoga day (21st June) 6. Independence Day (15th August) 7. Republic day (26th Jan) 8. NSS day (24th Sept) 9. Dr. Abdul Kalam Memorial Day 10.Founder's Day 11 Martyrs Day 12. Pongal Celebration**

**13. Christmas 14. Pooja Celebration 15. Onam Celebration 16. National Science Day 17.National Mothematics Day Celebration.**

| 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.

Nano Satellite to ORBIT/ Nano Satellite Mission Objective: Promote interdisciplinary Space Engineering for under graduation level in collaboration with national, international agencies and organizations such as ISRO, UNISEC- India, CSPD- Serbia, Isreal, etc., Provide hands-on experience on CANSATs as a preliminary process to develop Nano Satellites for research and educational purpose. To design UNITYSat (JIT SAT, GHRCE SAT & SRI SHAKTHI SAT) in collaboration with three institutions to demonstrate IOT based inter-satellite communication over a mesh network in Lower Earth Orbit. International collaboration with the Israel Space Agency to launch 75 nanosatellites in commemorating the 75th Independence of India in 2022. To involve the students through train the trainer concept in various tech talks, hands-on training, industry visit, online training, Rocketry competitions, Satellite Tracking events, etc., 1.Signed an MOU with National and International organizations such as Indian Space Research Organization (ISRO) UNISEC India Indian Technology Congress Association (ITCA). Indian Institute of HAMs. The Mas Israel Satellite (TMISAT) -Israel Committee for Space Programme Development (CSPD) – Serbia Open CoSMOS Pvt Ltd, UK. Design Thinking is a skill which is to be developed by the students to become a problem solver. It is not a part of the curriculum. So, implementing this club despite all other curriculums was a challenging task. No. of days for this course, topics to be covered, identifying the interested students and other documentations are to be done in such a manner that the scheduled days, of course, should not clash with other activities

| File Description | Documents |
|---|---|
| Best practices in the Institutional web site | [View File](#) |
| Any other relevant information | [View File](#) |

## 7.3 - Institutional Distinctiveness

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

The primary objective of the institution is the pursuit of Academic Excellence and Placements. The institute also aims a vitalizing the learning skills with a focus on futuristic demands, vitalizing the teaching- learning process, ICT, Human Values,

andfunctional relationship with all the stakeholders for the holisticdevelopment of the individual and society.The college is ranked among the top 50 Engineering colleges in TamilNadu affiliated to Anna University. The average undergraduate graduation rate is 90% entailing a total of 14 university ranks. Institution Scholarships with an aggregate worth of Rs.10 lakhs are awarded to meritorious students every year. The placement cell is an integral part of our institution, ensures that the students are well trained and prepared to face their campus interviews effectively. Technical and Non-Technical Training are imparted to the students from the first year. To bridge the gap between the academic and industry need, Value Added Courses (VAC) are conducted regularly in our College. These courses are conducted by professionals and industry experts and help students stand apart from the rest in the job market by adding further value to their resume. To be proud our 10 VAC are approved by Anna University. Various conferences, guest lectures, workshops, Technical Talk are organized throughout the year, by which the students are exposed to the outside world work ethics and all the recent developments and innovations.

| File Description | Documents |
| --- | --- |
| Appropriate web in the Institutional website | View File |
| Any other relevant information | View File |

7.3.2 - Plan of action for the next academic year

1.Autonomous Status

2.Centre for Excelelnce lab in Semi conductor

3.Increase Intake in CSE ,IT and AI &DS department

4.Increasing Citation index of the faculty members.

5.FDP count to be increased