



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution

T.J.S.ENGINEERING COLLEGE

- Name of the Head of the institution **Dr. J. PRAKASH M.E., PhD.**
- Designation **PRINCIPAL**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **04427967602**
- Mobile No: **7373730006**
- Registered e-mail **principal@tjsec.in**
- Alternate e-mail **tjsivanandam@gmail.com**
- Address **T.J.S ENGINEERING COLLEGE, TJS NAGAR, PERUVOYAL, NEAR KAVARAIPETTAI, THIRUVALLUR DISTRICT.**
- City/Town **Gummidipoondi**
- State/UT **Tamil Nadu**
- Pin Code **601206**

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, CHENNAI**
- Name of the IQAC Coordinator **Dr.E.SIVAKUMAR**
- Phone No. **04427967628**
- Alternate phone No. **04427967600**
- Mobile **7373720182**
- IQAC e-mail address **iqac@tjsec.in**
- Alternate e-mail address **tjsivanandam@gmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year)

<https://tjsec.in/wp-content/uploads/2024/11/AQAR-2021-22.pdf>

4.Whether Academic Calendar prepared during the year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

<https://tjsec.in/wp-content/uploads/2024/03/ACADEMIC-CALENDAR-2023-2024.pdf>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.42	2019	14/06/2019	13/06/2024
Cycle 2	B++	2.99	2024	02/10/2024	01/10/2029

6.Date of Establishment of IQAC

05/07/2019

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
TJS ENGINEERING COLLEGE	INDUSTRY2.0	MSME	2023	Rs.14.05 Lakhs

8.Whether composition of IQAC as per latest NAAC guidelines

Yes

- Upload latest notification of formation of IQAC [View File](#)

9.No. of IQAC meetings held during the year 2

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**
- If No, please upload the minutes of the meeting(s) and Action Taken Report No File Uploaded

10.Whether IQAC received funding from any of the funding agency to support its activities during the year? No

- If yes, mention the amount

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

Organised FDP's to upgrade the skill and knowledge of the faculty
Mou's were signed between various Industries and Institutions
External Academic and Administrative Audit is done by the expert team
Updation of PG classrooms to Smart Classrooms with Smart Interactive Panel Display. Successfully collected, analysed and all the curriculum feedbacks from various stakeholders

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
To enhance the functionality of Institution's Innovation Council (IIC)	Actively participated in Institution's Innovation Council 5.0 (IIC 5.0). The activities suggested by IIC were successfully completed.
To introduce NEP 2020 in Under Graduate Level successfully.	NEP has been successfully implemented in all programs at first year UG level from current year.
To introduce some short term Addon/Certificate Courses.	IQAC initiate all the department to prepare syllabus of Add on course and arrange minimum one course.
To extent the work and activities of IQAC like skill development.	Skill enhancement activates initiatives by IQAC and arranged Add on programme / Computer training for students.
To encourage student to participate in NSS/ NCC/ Culture/ Sport activities.	During the year 100 students in NSS are enrolled. This year plenty of extension / cultural / sport activities were organized.

13. Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

Name	Date of meeting(s)
Governing Council	14/10/2024

14. Whether institutional data submitted to AISHE

Part A

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Name	Date of meeting(s)
Governing Council	14/10/2024

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2024	11/03/2024

15.Multidisciplinary / interdisciplinary
Institutional preparedness for NEP The TJSEC identifies the

programme learning outcomes along with the courses and unit learning outcomes that describe the particular knowledge, abilities, attitudes, and values in accordance with National Educational Policy 2020. The T.J.S Engineering College is linked with Anna University, and all of Anna University's programmes are created using courses that are both multidisciplinary and crossdisciplinary. Every programme has a professional elective, a mandatory course, an open elective, and listed four courses in each category. Students will choose from this based on their preferences and interests. So that students have the most freedom to select courses from other departments. This open and optional multidisciplinary education, particularly in engineering education, will offer learning awareness and career-oriented benefits. TJSEC students have the option of selecting any open elective course from a variety of fields and applying their expertise to get employment in that field.

16.Academic bank of credits (ABC):

According to the National Education Policy 2020, the Academic Bank of Credits (ABC) has been designed to support students' academic mobility by allowing them to study at any higher education institution across the nation and to transfer credits from one programme to another in order to earn a degree, diploma, post-graduate degree, etc. The National Academic Depository, a government initiative to provide an online archive for all academic awards under the Digital India Program, has TJSEC as an official member. Mark sheets and degree certificates for students have been uploaded by TJSEC on the nad.digitallocker.gov.in website starting from 2020. The National Academic Bank of Credits (ABC) portal is now operational for the academic year 2021-2022 and has been integrated into the nad.digitallocker.gov.in platform. For all of its programmes provided by Anna University, TJSEC uses a choice-based credit system. Within the framework that has been accepted, faculties are encouraged to create their own pedagogical techniques, including choices for reading materials, assignments, and assessments, etc.

17.Skill development:

Skill and knowledge development is the powerful tool behind the financial growth and social development of our Nation. Skill development is a powerful force that motivates individuals and progresses their communal acceptance. It aids students to develop into strong, responsible and creative members of society. By combining education and skill development, India can become a worldwide procurement centre for employees who are qualified to

begin work from the day they join an organisation.

TJS Engineering College centre for Skill Development (TJSECSD) was launched in 2018. This is a foundation of the TJS Educational Society to progress the placement and self-employability skills of the budding young minds of the college. The TJSECSD objects to promote a thoughtful knowledge of the several youths associated with skill development programmes which are required in India and foreign countries. It links the gap between skills required by the industry and skills possessed by those who are seeking employment, boosts the entrepreneurship skills of students and offers them the support needed to begin start-ups. TJSEC has collaborated with MSME Business Incubator, through that Tailoring, Bakery, Fruit & Vegetable Canning, Beautician course etc, were conducted. These courses will be stretched to school dropouts and other outsiders as well, as an initiative of the institution under its Institutional Social Responsibility. TJSEC is encouraging Teaching and Non-Teaching faculties to participate in all the skill development programmes such as FDP / refresher courses/workshops. The workshop and hands-on training for skill development on preparing for online classes in Google classroom. TJSEC is also encouraged students to participate in all the valueadded courses. Students were given training in the latest technology through value-added courses. A Personality Development program has been introduced to the students of II & III years. The internship programme is made compulsory for all students. Special Training programs were organised for all the final year students to write well in all the competitive exams and entrance tests. As a part of having a good environment, TJSEC envisioned affording a clear sense of our environment by organising various awareness programmes, webinars and seminars.

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

Language is an essential part of human life. It plays a role in crucial the learning process and knowledge enrichment of students. TJSEC introduced foreign languages and Hindi in the year 2020 to ensure that the students of the college are effectively prepared to meet the ever-changing needs of today's fast-paced world. TJSEC is an overarching organization that facilitates conversation within all language departments, and healthy dialogue between the Language and the Major Departments. Its coordinates timetables, lesson plans, syllabi and continuous internal assessments. The college offers a compulsory course in Professional English for all first-year students. Communication and Soft Skills Course is made a compulsory course for all

thirdyear students in developing language and Communication skills. The Department of English helps first-generation learners who learn the language and encourages students to enhance their communication skills by conducting bridge Courses for 30 hours. The college curriculum is framed with compulsory courses on, Environmental studies, Personality Enrichment, Professional Ethics and Human values that will enable the students to become responsible citizens of India. To stimulate the Indian Knowledge System, Arts and Culture, compulsory activities have been introduced through clubs like English Literary Club, Mathematics Club, Fine arts club, Science Club, NCC, NSS etc. and through Group Discussions/Interactions in local language which will fetch extra credit to our students. Field trips are also introduced recently to us to local heritage sites/museums which will boost and value our culture and traditions among students. As a part of education, Industrial Visit is also arranged for students of all years to get industrial knowledge and practical knowledge Entrepreneurship Development Cell is also launched in TJSEC to strengthen the minds of the students and to get business-oriented education.

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

Programme and course outcomes for all programmes offered by the institution are stated and displayed on website and communicated to teachers and students. The institute has formulated welldefined Vision and Mission statements and in correlation with this, each department formulated its own vision and mission statements that have been approved by the department Advisory Committee (DAC). The department adopted the Programme Educational Objectives (PEOs), Program Specific Outcomes (PSOs) for each programme outcomes (POs) and course outcomes (COs) for all the courses in the curriculum framed by University. In the Department Advisory Committee (DAC), all outcomes are analyzed and approved. The approved Statements are published in the Institute Website and communicated to Various Stakeholder. The respective subject faculty expatiate the course outcomes to the learners. The objectives and outcomes of each topic are expatiated to the learners for the betterment and to get the confidence to take up the university Examination. Programme Outcomes (POs) and Programme Specific Outcomes (PSOs): Articulation of PSOs and identification of the knowledge/Skill/Attitude Level were done through sequence of meetings based on the suggestions from stakeholders. Course Outcomes (COs): Articulation of COs based on revised bloom's taxonomy and identification of the Knowledge/Skill/Attitude Level were framed by course handling faculty with

the suggestion of course coordinator. COs are mapped with POs /PSOs by course handling faculty with the suggestions of the course coordinator. Verification of compliance for attaining the POs/PSOs is done in the Department meeting for all courses. Teachers are aware of Programme outcomes and course outcomes by attending different programs arranged by the institution. Faculties are oriented by many workshops and seminars on Outcome Based Education (OBE). Faculty members have attended many programs related to Outcome-based Education. If there is any noncompliance, then DAC identifies the slightly Supported POs/PSOs. Based on the recommendations of DAC, additional COs and activities to support POs/PSOs are framed. Content beyond the syllabi/Virtual Lab Experiments/Co-Curricular Activities for better compliances were approved by DAC. Recommendations of DAC for better compliances were implemented by the course handling faculty in Teaching-Learning Process. The mechanism for dissemination: The process for publication and dissemination of the stated vision, Mission of the Institute/ Department, POs/PSOs/PEOs/COs of the programme are carried out by the listed mechanism: Website: Vision, Mission, POs, PSOs, PEOs and COs are published on the college website. Posted Location: Banner is exhibited in the main floor of the concerned department. They are also prominently displayed on the Department Notice Board. Catalogues of the Department: The Catalogues are disseminated to all the stack holders of the program through faculty meetings, Parents meetings, News Letter, Alumni meetings, and Conferences. Curricular Books and Department Publications: Vision and Mission are published in the Practical Observation, Record Note, Handbook, Faculty Log book, Department Magazine and Newsletter.

20.Distance education/online education:

The institute practices blended learning. TJSEC has different labs which help the students to learn courses online. With the development of science and technology, TJSEC is providing all the upgraded facilities which help for developing digital content. The Tamil Nadu Government has introduced the Naan Mudhalvan Online Course for all years of engineering students in different subjects. Keeping aside the lack of face-to-face learning during the pandemic (COVID-19), TJSEC has successfully imparted all its course content delivery in online mode and also our students completed their online exams. Moreover, access to online resources by instructors and students will not be a constraint anymore. TJSEC use various online platforms like Google Classrooms and canvas. The whole campus is Wi-Fi enabled and therefore we have no interruption in online Education. TJSEC

Faculty were used Power point presentations, you tube videos for an effective and relevant way of teaching during pandemic. It is an effective tool for acquiring information from multiple sources to help students to enhance their knowledge database. TJSEC Faculty also prepared e-content using GCR and uploaded the link in the college website for easy access of the students and also shared reading materials, short notes, ebooks over different media like Google Classroom, E-Mail, WhatsApp group. All the examinations were conducted in blended mode. Teachers were given online training for taking lectures online on Google Meet, Zoom etc.

Extended Profile

1.Programme

1.1	442
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	843
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	268
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	125
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	88
File Description	Documents
Data Template	View File
3.2 Number of Sanctioned posts during the year	67
File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	31
4.2 Total expenditure excluding salary during the year (INR in lakhs)	334.54
4.3 Total number of computers on campus for academic purposes	376

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

At the beginning of every semester, the semester plan is prepared by various departments and brought to student's notice. The semester plan contains details regarding the schedule for internal assessment test, assignments, subjects allotted to individual teachers according to their specialization and a plan of activity

proposed to be conducted by the department during the semester. The semester plan makes the students aware of the proposed activities of the semester.

The concerned faculty for each subject prepares a detailed course plan which contains the units of syllabus and proposed dates of completion of the units. It also provides information about the text books and reference books to be followed.

Each individual teacher maintains a log book in which the topics discussed in the class are recorded on daily basis, which will give an idea about the completion of the units according to the lesson plan. The course document and log book are exposed every month examination and endorsed by the HOD and Principal. The management provide support by providing the facilities required by the faculty members. Effective delivery of the curriculum is achieved by making use of effective teaching practices by adopting various methods.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://tjsec.in/wp-content/uploads/2025/01/1.1.1-claim-final.pdf

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

The academic calendar was prepared for each semester as per the Anna University guidelines. It contains the details of commencement of classes, Assessment test, attendance entry, Entry of marks and commencement of end semester examination for theory and practical Examinations.

Accordingly, the exam cell conducts internal tests and University exams. TJSEC have an individual exam cell consists of a coordinator and senior faculty members. Based on Anna University Semester plan, this cell prepares a schedule for conducting Common Assessment Tests, Model exams and Class Committee meetings. This Schedule is circulated to all the departments and is also displayed on the classroom notice board. After getting the CAT Exam schedule, Faculty was prepared question papers as per the Blooms Taxonomy with course objectives. Answer papers were corrected and awarded mark list prepared with head of the

department and principal signatures. The same procedures were repeated for all the examinations. Based on the continuous assessment examination results, the internal marks were awarded to the students as per the Anna University guidelines. The teacher in-charge of the timetable in each department prepares the timetable as per the guidelines of respective statutory bodies prior to the commencement of each semester.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	http://tjsec.in/wp-content/uploads/2025/01/final-1.1.2.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.

Academic council/BoS of Affiliating University

Setting of question papers for UG/PG programs

Design and Development of Curriculum for Add on/ certificate/ Diploma Courses

Assessment /evaluation process of the affiliating University

B. Any 3 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

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)

11

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

529

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

529

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

TJS Engineering College is affiliated to Anna University and the curriculum and syllabi are prescribed by Anna University. The

Crosscutting issues like Gender Equity Initiatives, Environment and Sustainability, Human Values and Professional Ethics are well integrated into the Curriculum prescribed by Anna University.

Professional Ethics and Human Values Initiatives

In view of promoting the professional ethics and Human Values among the Engineering graduates the Anna University has introduced professional ethics and Human values as an elective course. Even though it is in academic curriculum.

Gender Equity Initiatives

The Institution strives to promote equality of opportunity and treatment for all men and women working and studying at the College. Various cells and committees such as Anti-Ragging Committee, Anti sexual harassment cell, etc., are proactive in handling gender-based issues. The College Provide Separate hostel for boys and girls with state of art infrastructure.

Environment and sustainability initiatives

The Institution gives utmost care to protect our environment and teach our students about the environment and sustainability issues occurring in the society. The TJSEC gives utmost care to create an environmentally friendly, sustainable campus. It offers Values Environmental related activities among the students like Tree Plantation, Campus Cleaning Program 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

32

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

346

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

1.4 - Feedback System

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

A. All of the above

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

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://tjsec.in/wp-content/uploads/2025/01/1.4.1_Action-taken_2024-1.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

387

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

288

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

2.2 - Catering to Student Diversity

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

After admission, the learning levels of the students are assessed and categorized based on their and internal assessment performances, that is for first year students higher secondary education marks and first (CAT-1) common assessment test -1 marks. For second, third and final year students can be assessed by their previous semester final exam results and CAT-1 exam results. This process is continued for every semester.

1. Advanced Learners

2. Slow Learners

Advanced learners are encouraged to upgrade their technical knowledge by encourage them to participate in seminars, technical quizzes and symposiums and conferences. The faculties are providing NPTEL video links so that they can view their core subject videos to enrich their subject knowledge. Advanced learners are also motivated to communicate their manuscripts for journal publications. Mini projects and science exhibitions are conducted to share their knowledge. To increase the learning ability of slow learners from the first year the bridge course for about 10 days are conducted which includes the fundamental of mathematics, Physics and language classes. Apart from the above mind mapping techniques, tutorials and Special classes are conducted. A very excellent mentoring system is adapted to motivate and guide the students

File Description	Documents
Link for additional Information	https://tjsec.in/wp-content/uploads/2025/01/2.2.1-CLAIM.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
843	88

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

The learning process is altered by the application of student-centric strategies like problem-solving techniques and experimental learning. The institutions main goal is to enhance teaching and problem-solving techniques through a variety of initiatives. Numerous Memorandums of Understanding (MoU's) have been linked in order to enhance students' practical learning skills and their capacity to solve problems in real time in an industrial setting. Every semester, the department arranges a minimum of two industrial visits, in-plant training and an internship for the students. Digital infrastructure is updated day-by day to support all aspects of experimental learning. Participant learning is adopted in Conference, Symposium, Workshop, Guest Lectures, Value-Added Course and other curricular activities like NSS, Sports and Cultural activities. Encouraging students to solve problems independently or in groups promotes a deeper understanding of the subject matter. This approach emphasizes the application of knowledge to real-world scenarios. Information and Communication Technology (ICT)-enabled tools are used by teachers to facilitate effective teaching and learning. Problem Solving Techniques includes Final Year Projects, Mini-Projects/Industrial Project and Tutorial Classes to encourage students for doing discrete projects with presentation with multi-step problem solving, research, logical deduction and iterative learning and also encourage teamwork.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://tjsec.in/wp-content/uploads/2025/01/2.3.1-INDEX.pdf

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

Information and Communication Technology (ICT) tools empower both teachers and students. They transform the teaching and learning processes from being highly teacher dominated to becoming student-centric and this transformation results in increased learning gains for students, creating and allowing for opportunities for learners. In TJSEC Teachers are supported in their efforts to improve teaching and learning processes by providing them with ICT enabled tools, they are cost-efficient and eliminate the usage of paper. Alongside minimizing cost, they also save time during class lectures enabling swift and dynamic transmission of content. They provide access to dynamic teaching and learning methods and facilitate easy student management. ICT is a powerful tool for educational change and reform. Appropriate use of ICT has helped the college raise the interest levels amongst the students and has helped connect learning to real-life situations. ICT enabled tools are used by teachers to facilitate effective teaching and learning. It is used to optimize, improve and support information transmission. It renders more support to the teachers for writing lesson plans, maintaining records, presenting material and conducting online searches. The ICT infrastructure in every classroom includes Wi-Fi and LCD projectors are installed.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	http://tjsec.in/wp-content/uploads/2025/01/2.3.2-Index.pdf

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

2.3.3.1 - Number of mentors

63

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

88

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

88

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.

T.J.S Engineering College is affiliated to Anna University, Chennai, and follows the Examination pattern of the university. Anna University guidelines are strictly adhered to concerning the evaluation process. There are three internal assessment tests conducted. The schedules of internal assessments are communicated to students and faculty at the beginning of the semester through the institute's academic calendar which is prepared based on the university academic calendar.

- Scheduling of Internal Assessment Test, Seating Arrangements, and Hall Invigilators listed for CAT-1, CAT-2, and Model Exam.
- Preparing the question paper for the internal assessment test in the prescribed pattern based on Knowledge level using revised Bloom's taxonomy.

After completion of the internal assessment test, the faculties evaluate the answer scripts and distribute them to the students for doubt clarifications or re-correction. The faculty submits the re-corrected scripts to the concerned department and marks are displayed on the notice board.

Result review meetings are conducted with result analysis and the remedial actions for further improvements are arrived at after discussion with Faculty, HOD, and Principal.

File Description	Documents
Any additional information	View File
Link for additional information	http://tjsec.in/wp-content/uploads/2025/01/2.5.1-Index.pdf

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

Internal examination related grievances:

Through College Exam Cell, the Principal constituted an examination committee, comprising a senior faculty as a convener and other teaching and non-teaching faculty as members, to handle the issues regarding the evaluation process. The internal marks are displayed on the notice board. If any discrepancy like mistakes in the question paper, mark allocation, or correction is noticed by the students, the concerned faculty will resolve the discrepancy, and the necessary corrections will be made. All such representations are taken positively and are reassessed by another faculty if necessary.

External Examination related grievances:

If students have grievances related to the evaluation of university answer scripts it is intimated to the subject handling faculty and head of the department, if necessary, for further action. Students can bring their grievances by applying for the following evaluation procedure:

Re-Evaluation Procedure:

Students can apply for re-evaluation of their answer scripts within a week from the declaration of results if they are not satisfied with their results. The results of the re-evaluation will be announced as per the university norms.

File Description	Documents
Any additional information	View File
Link for additional information	http://tjsec.in/wp-content/uploads/2025/01/2.5.2-Index.pdf

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.

Clearly defined learning outcomes are essential to educational planning and delivery at TJSEC. Aligning Program Outcomes (the overall knowledge, skills, and attitudes gained upon program completion), Program Specific Outcomes (the specific skills students should achieve by the end of the program), and Course Outcomes (the disciplinary knowledge and abilities expected for each course) is crucial for creating a cohesive learning experience. Faculty members in each department at TJSEC diligently prepare their course plans to incorporate Program Outcomes, Program Specific Outcomes, and Course Outcomes. At the start of each semester, faculty members communicate these course learning outcomes to students during class. This structured approach serves as a roadmap for both faculty and students, guiding them toward meaningful learning experiences rather than simply accumulating course credits.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://tjsec.in/wp-content/uploads/2025/01/2.6.1CLAIM.pdf
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 course attainment level is evaluated, using the Bloom's taxonomy of the learning domain. The students who have scored less than 70% are motivated and guided through remedial classes, class tests, re-tests, quizzes, and objective tests which are used to assess the attainment of Course Outcomes (CO). The institution put all its efforts into getting the students ready to work in a

challenging professional environment. To meet program outcomes not covered by the regular curriculum, the cocurricular, extra-curricular activity, industrial visits, and training program are arranged. Course outcomes are calculated using both internal assessment and university exam performance. Assessment tools are designed to evaluate the attainment of the Course Outcomes (COs). It is important to select assessment tools that align with the specific COs of the course and to use multiple assessment tools to provide a comprehensive evaluation of student learning. The assessment tools are chosen based on the specific course outcomes being assessed and the teaching methods being used in the course. The evaluation of the CO involves the use of both direct and indirect assessment tools, with greater weightage assigned to the former. Specifically, 80% weightage is given to direct assessment tools, and 20% indirect assessment tools.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://tjsec.in/wp-content/uploads/2025/01/2.6.2-Index.pdf

2.6.3 - Pass percentage of Students during the year

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

54

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	http://tjsec.in/wp-content/uploads/2025/01/2.6.3-CLAIM-1.pdf

2.7 - Student Satisfaction Survey

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

<https://tjsec.in/wp-content/uploads/2025/01/2.7.1.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

4.8

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

1

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	https://www.pantechsolutions.net/

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

21

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

1

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

2

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

TJS Engineering College has conducted many extension activities to improve social responsibilities between students, through conducting activities of the Youth Red Cross (YRC) and National Service Scheme (NSS) plays vital role in social welfare.

NATIONAL SERVICES SCHEME:

The objective of NSS is developing the personality and character of the student through voluntary community service. The NSS unit of TJSEC was started on 2018. Mrs. C. Shalini, M.E., Assistant Professor of Department of Electronics and Communication Engineering is the coordinator for National Services Scheme.

- "Not Me But You" defines the philosophy of NSS. The welfare of every individual is dependent on the welfare of society.
- The students of TJSEC conducted Women empowerment programme at Mangavaram Village & New Gummidipoondi, Impacts of Mobile usage at Government Primary School in New Gummidipoondi Village, Cleaning the Residential area at Sunnambukulam Village in Thiruvallur district.

YOUTH RED CROSS CLUB:

The Youth Red Cross was established in the year 2021. The Youth Red Cross Club is student-led organization affiliated with the Red Cross. Mr. R. Sathishkumar (coordinator) and Members of the YRCC often Conducted various activities such as organizing blood donation Camp in Verkadu Village, Health and Hygiene Programme in Verkadu Village, Health Check-up in Therauli Village.

File Description	Documents
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/3.3.1-MAIN-INDEX.pdf
Upload any additional information	View File

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

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

2

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

3.3.3 - 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

12

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

258

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

4

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

4

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institution has obligatory infrastructure required for effective teaching-learning process. The Infrastructure has adequate facilities to fulfill the norms laid by AICTE and Anna University. The available facilities are enhanced by addressing the needs of students to support development activities. The facility of ICT tools helps to strengthen the teaching and learning process. The physical Infrastructure consists of 38 class rooms, 28 laboratories, 2 Seminar halls, open auditorium, and play grounds. Moreover the Institute has supporting Academic and Administration rooms for UG and PG programs. Classrooms and seminar halls has LCD projector, Internet connectivity, well-furnished furniture, Ventilation and Luminance.

All the departments conduct various activities to facilitate Teaching-Learning Process. Laboratories and equipment are regularly maintained and updated. The charts are displayed in the Laboratories for better understanding of theory and practical concepts. For Internet access and computing purpose, the Institute has 450 Computers connected in LAN with 50 Mbps Bandwidth. Computer laboratories are equipped with high-end servers with latest configuration.

Library has compilation of books, e-journals, journals, Web based resources, Audio/Video materials etc. Exclusively, Training & Placement cell provides adequate Infrastructure for training, Placement and co-curricular activities. It has separate Seminar hall to carry out that activities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://tjsec.in/wp-content/uploads/2025/01/4.1.1-1-1.pdf

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

Academics along with sports related activities play a significant role, in shaping the personality and character of a student. With the same ideology, TJSEC emphasizes on college sports, cultural activities and encourages students to participate in various

tournaments. The activity includes athletics, games, yoga and cultural events etc. TJSEC has amenities for all games and sports. A well-equipped gymnasium and Yoga centre is also provided for both students and faculty to maintain their fitness. TJSEC students have represented in state level in Cricket, Volleyball, and Athletics etc. A number of awards for outstanding performance in sports/cultural activities in state level have been accomplished. TJSEC also provides Yoga facilities for students and faculties. Yoga is a form of exercise consisting largely of the asanas that helps to improve strength, balance and flexibility of the body and peace of mind. Cultural programs at TJSEC: TJSEC believes in extracting extra-curricular skills of the students through the various cultural activities. Being in the field of education, the TJSEC takes the responsibility to create friendly and encouraging environment in the campus. Cultural Meet Club performs various activities and organizes events like celebration of orientation day, World Environmental day, Annual day, Graduation day, etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://tjsec.in/wp-content/uploads/2025/01/4.1.2-1.pdf

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

2

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

31

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://tjsec.in/wp-content/uploads/2025/01/4.1.3.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

79.17

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)

In TJS Engineering College with EFY Library automated management software, in-house library operations with a fully-integrated system can be done. Library automation consists of the hardware and software used to automate libraries. Library automation provides automated tools for managing a library's collections and usage information. Library automation software makes it easier for patrons to use electronic resources. It increases the efficiency of the library. It makes information more available and accessible in an easier manner. The possibility of data and resource duplication is eliminated with automation. We can find books in an instant, issue/reissue books quickly, and manage all the data efficiently and orderly using this system. The purpose of a library management system is to provide instant and accurate data regarding any type of book, thereby saving a lot of time and effort. In TJS Engineering College through EFY Library automated management software, all following daily tasks and services are automated.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://tjsec.in/wp-content/uploads/2025/01/4.2.1.pdf

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

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)

6.76

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

241

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

TJSEC has an IT policy covering Wi-Fi, Cyber security, etc. TJSEC has allocated budget for updating its IT facilities. It has a well-established IT infrastructure updates its laboratories including, Hardware, system & application Software Wi-Fi connectivity regularly. In TJSEC, they provided various computer labs for every department with the all required Software. Internet bandwidth of 40mbps in 2023 was upgraded to 940mbps in 2024. Over 376 computers on the campus are connected through the Local Area Network (LAN) Systems in campus. TJSEC has Microsoft Campus Agreement (MCCA) to make use of Microsoft productivity software which is highly useful to students. The computer labs are kept open from 8.30 am up to 3.30 pm for the utilization and comfort for use of the faculty & students. The Wi-Fi facility is available in college and also provided to the students & faculty and in hostel premises also. A separate internet lab is also provided to the students. The students as well as the faculties can access the internet from their own laptops anywhere on the college through WiFi.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://tjsec.in/wp-content/uploads/2025/01/4.3.1-Claim-Final.pdf

4.3.2 - Number of Computers

376

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)

37.2

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.

T.J.S Engineering College has a well-defined policy and system for the maintenance and utilization of all its physical and academic facilities .The College has appointed maintenance support staff to look after the buildings, types of equipment, and all other infrastructural facilities to maintain them in condition. Infrastructure-related problems are attended to by the maintenance staff under the supervision of the supervisor and the administrative officer. Classroom Cleanliness, housekeeping, sanitary maintenance, library, hostel buildings, mess, and college canteen are maintained, Centralized R.O plant for constant water supply and power supply is well taken care by technicians. General Instructions to students regarding the safe and secure usage of equipment while in the laboratory are displayed in each lab. The laboratories are maintained by the lab instructor. Maintenance of computers (Hardware and Software), updating software are done by system administrator. The classrooms are well ventilated which ensures a pleasant learning environment. The cleanliness of the playgrounds and play areas is maintained by the gardener. Regular maintenance of garden, landscapes maintenance are ensured regularly. The college has exclusive maintenance for pest control, garden maintenance, housekeeping, etc

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://tjsec.in/wp-content/uploads/2025/01/4.4.2-Index.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

630

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 benefitted 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 benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

105

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

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

A. All of the above

File Description	Documents
Link to institutional website	http://tjsec.in/wp-content/uploads/2025/01/5.1.3-claim.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

472

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

472

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

A. All of the above

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

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

105

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

4

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

0

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded

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.

5

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)

As a part of our community development initiative, TJSEC follows Outcome Based Education methodology and has excellent facilities for the welfare of the students. Students acquire attributes such as Professional Ethics which is followed in the Institution. Moreover, all the students are given lot of opportunities in all spheres of activities of the Institution such as co-curricular and extra-curricular activities. Institute promotes representation of students on academic and administrative bodies. All the departments offer various kinds of academic activities for the benefit of students.

The constitution of the student council is as under

- President
- Secretary
- Lady Representative
- Representative belonging to SC/ST
- Student from each class as Class Representative

The above are elected members on the College Student Council. One student from each of the activities viz. NSS, NCC, Sports, Cultural activities is nominated by the Principal. The role of the Principal is of central importance in the establishment and operation of a Student Council. One senior teacher act as coordinator of the student council.

The Anna University Act provides representation to the President and Secretary of the College Student Council on the College Development Committee and IQAC.

File Description	Documents
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/5.3.2-CLAIM-SHEET.pdf
Upload any additional information	View File

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

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

25

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 often support new alumni, and provide a forum to form new friendships and business relationships with people of similar background. Our Institute has a registered Alumni Association for developing strong bond between old students and present students. The students who have graduated from the college are eligible to register as members of the alumni association. Our college is arranging the Alumni meet every year. It is named as TJSECAA meet, i.e., T.J.S. Engineering College Alumni Association meet. TJSECAA was registered under Societies Act 27 of 1975. The office of TJSECAA is in the premises of T.J.S. Engineering College.

This association provides a platform for passed out students to keep in touch with the college. Alumnus extended their support in curricular and co-curricular activities like cultural, seminar, books donation. The Alumni Association also contributes as financial Support for growth of association. Financial contributions made by the Alumni Association toward the college's development further exemplify their dedication. The alumni of the college had to be brought together for further activities to conduct the alumni meet and the formal Alumni Association was

initiated with a proper Inaugural function under the guidance of the Principal.

File Description	Documents
Paste link for additional information	http://tjsec.in/wp-content/uploads/2025/01/5.4.1-claim.pdf
Upload any additional information	View File

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

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision:

To empower the youth by developing their capabilities through quality education based on values.

Mission:

- To promote education through a holistic manner to make them employable
- To make them responsible citizens to participate in the advancement of the society
- To make them contribute to the national growth and the world at large.
- To promote excellence, quality and relevance in the field of technology to suit the industry needs.

The Chairman leads the administration of the TJSEC and directs the principal, professors, and students as they work to realize the institute's Vision. The Chairman must give his approval for all important decisions involving the start of new programs, the development of infrastructure, and the creation and dissemination of strategy.

The perspective plans are prepared by the Principal. The academic calendar scheduling the internal assessment, industrial visits, conferences, workshops, seminars, FDPs, club activities, sports day, graduation day, celebrations etc . The Principal ensures quality standards in education, the learning process, and other related activities. The operating plans for each department are created by the HODs with the Principal's needs in mind. The tasks and responsibilities for working in an amicable environment with total transparency are given to faculty.

File Description	Documents
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/CLAIM-6.1.1.pdf
Upload any additional information	View File

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

In TJSEC The institution's management, administration, finances, and academic issues are all managed through decentralized, transparent processes. This system of assigning proper duties from upper management to lower management frees up top management to concentrate on formulating policies and making important decisions. In accordance with the demands of the regulatory bodies, the establishment of statutory committees such as the Planning and Monitoring, IQAC, Anti-Ragging and Internal Complaints Committees is routinely carried out. These committees have a significant influence on how governance, academia, research, teaching, and learning policies are made. The Head of the Institution makes sure that the pupils receive a high-quality education that promotes their overall growth. The Head of the Institution also oversees the institution's overall growth and compliance with its strategic plan. The Head of the Institution oversees the institution's efficient operation with the help of the IQAC Coordinator and heads of the departments. A number of committees collaborate to plan, organize, carry out, and supervise all of the Institution's activities. Even at the departmental level, the decentralized structure is present. The management and all stakeholders, including department heads, faculty, students, alumni, employers, university nominees, industry experts and educators are active in the institution's many functional committees

File Description	Documents
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/CLAIM-6.1.2.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Following is the perspective plan of the institution: Curricular Aspect

1. To ensure effective delivery of the curriculum.
2. Feedback from students, teachers, parents, alumni, and nonteaching staff.

Teaching Learning and Evaluation

1. Continue imparting quality teaching and Using ICT tools.
2. Regular academic audit
3. Introduce innovative processes in teaching-learning.

Research Consultancy and Extension

1. Emphasises publication in UGC CARE listed/SCOPUS indexed journals and participation in RC, OC, FDP, etc.
2. Encouraging field trips for experiential learning.
3. Formation of Cells/bodies like NSS, IQAC, Eco Club, Women Cell etc

Infrastructure and Learning Resources

1. Promoting sports infrastructure.
2. Automation of library facilities and digitization.
3. Continue providing digital library services.

Student Support and Progression

1. Promoting skills and extra-curricular activities
2. Providing career guidance and placement services.

Governance Leadership and Management

- 1.Ensuring good governance through decentralized and participative management practices.
2. The Governing Body (GB) works as the apex body.
3. Continue discharging their respective duties and responsibilities

Institutional Values and Best Practices

1. Continue using solar energy.
2. green and clean campus
3. Continue doing the best practices.
4. Services to local community.
5. Conservation of water and energy
6. Sports as a thrust area

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/6.2.1-CLAIM-2024.pdf
Upload any additional information	View File

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

The organogram of the institution indicates that the Organization is supported by the Board of Trustees and Governing Council, Academic Council. This institution is a unit of T.J. Sivananda

Mudaliar Educational Trust. Shri. T.J. Govindarajan., Educationalist, Industrialist, and philanthropist is the Chairman of the Governing Council of the college. The Governing Council accommodates highly prestigious and academic members of the society along with a higher level of faculty members of the college. The major decisions for the college are taken by the governing council meeting to arrive at major policy decisions. The admission, financial administration, and academic administration of the interaction are carried out by the executive committee whose members are Chairman, Vice-Chairman, Secretary, Treasurer, and Principal. The board of trustees comprises three members besides the secretary and treasurer. The Principal is assisted by the staff council and also assisted by the office of the Principal. The appointment of faculty and staff members is based on norms issued by the affiliating university while the service rules are formulated and amended through meetings at various levels. The policies of the institution help in the successful functioning through the implementation of optimal procedures instructed by AICTE, UGC NBA and NAAC standards.

File Description	Documents
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/6.2.2-CLAIM.pdf
Link to Organogram of the Institution webpage	https://tjsec.in/about-tjsec/
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 list of effective welfare measures existing for both teaching and non-teaching staff helps in the effective functioning of our organization. Leave benefits, Medical Centre for treatment, Gym, Canteen facility, Tour advance, Festival Advance, Social welfare - PF, ESI, Group Insurance Scheme, Fees concession forwards of faculty.

1. Casual Leave: A total of 12 days' leave is given in a year along with Restricted Holidays.

2. Sick Leave: This type of leave is given 10 days a year.

3. Maternity Leave: Female staff is entitled to a maximum of 4 weeks (28 days) of maternity leave with postnatal leave.

4. Summer Winter vacation: This is given 4 weeks in summer and 2 weeks in winter.

5. Provident Fund: It is composed of contributions made by the employee during the time he/she worked along with an equal contribution by the employer. 6 50% fee waiver to employees Childers studying in our group of institution and also Regular permission for higher learning, and research are in place which promotes a motivating factor in the college.

File Description	Documents
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/CLAIM-6.3.1-..pdf
Upload any additional information	View File

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

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

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

2

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

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

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

56

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

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

Teaching

1. Distribution of Performance Appraisal Proforma among teachers to track academic development, activities, and participation in professional courses.
2. The IQAC makes assessment of the progress made by the teachers in the respective year. Appropriate measures whenever required are taken accordingly.
3. Feedback is taken from teachers on various areas including classroom delivery, grievances if any, and institutional ambience to know their satisfactory levels.
4. Regular sitting is organized by authority with the HoDs to take stock of syllabus progression in classes and ensure proper curriculum delivery.
5. Regular attendance of teachers in library is monitored to optimize usage of available resources including Digital Library facilities.

Non-teaching:

1. Feedback from the non-teaching staff is taken to know their satisfactory levels.
2. The principal sits with the non-teaching staff to review their activities and performance in aspects like students' admission,

Examination form-fill up, and proper and timely communication with the affiliating university.

3. The non-teaching staff are encouraged to enhance capacity building for meeting the growing challenges and facilitate necessary tools.

4. Ensure proper maintenance of college resources and data, clean and green practices, and delivery of duty.

File Description	Documents
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/6.3.5-CLAIM-2024.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

Internal audit:

TJSEC conducts internal financial auditing once a Year. The process of auditing starts with the budgetary preparation and there is well defined process for sanction of budget. The approved budget is communicated to administrative in-charges. The Chairman monitors and reviews the expenditures of the Institution by conducting budget meeting. The monitoring of expenditure against budget is regularly undertaken annually, where all department incharges and administrative in-charges submit their annual expenditure statement to the Principal and it is forwarded to the Chairman.

The main purpose of this procedure is to control the expenses and increase the operating efficiency. Proper record for all budget expenses is maintained by each department in-charges, administrative in-charges, accounts department, and the Principal office. Further, the accounts department maintains the record of all the expenditures after the verification of vouchers and bills.

External auditing:

TJSEC complies with the statutory auditing norms. At the end of

every financial year, the income and expenditure statement is duly audited and authorized by a Chartered Accountant. The Chartered Accountant prepares and submits the auditor's report for the financial year. After the Verification of all financial reports, The ITR were filled

File Description	Documents
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/6.4.1-Claim-sheet-09-01-25.pdf
Upload any additional information	View File

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

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

0

File Description	Documents
Annual statements of accounts	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

TJS Engineering College is a self-financed institution, where the funds are generated through the fees paid by the students. The TJSEC has a well-defined mechanism to monitor the effective and efficient utilization of available financial resources to develop academic processes and infrastructure development. Optimal Utilization of funds and resources are ensured through induction and orientation Programs, workshops, inter-disciplinary activities, training programs, Refresher Courses, Faculty Development Programs, Conferences, Industry-Academia interactions that ensure quality education. All the administrative and academic heads are requested to submit the budget required for the

subsequent financial year.

A major source of revenue for the college is from the tuition fee collected from the students as per the state government guide lines .The collected fee is deposited in the Institution's account and withdrawn periodically as per the institute's requirements. Institute adheres to the Utilization of budget approved for academic expenses and administrative expenses by the management. The funds are also utilized for infrastructure development, salary, research, training activities, ICT tools, green campus initiative, extension activities, transport, maintenance, welfare measures, and library. The Utilization of the allocated funds is monitored periodically and audited at the end of every financial year

File Description	Documents
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/6.4.3-Claim-sheet-09-01-25.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

The Internal Quality Assurance Cell (IQAC) was established in the academic year 2019, adopting a Quality Policy aimed at developing quality assurance strategies for the benefit of all stakeholders. The primary goal of IQAC is to devise methods to enhance the academic and administrative functions of the institution. The college has a Planning and Monitoring Committee (PMC) to address the concerns and viewpoints on academic matters. The PMC's objectives include improving management skills by delegating roles and responsibilities to faculty and students, participating in decision-making, and planning student-centred approaches. It also promotes strong relationships among students, administrators, and management. The PMC is crucial in improving students' academic experience and campus life. IQAC evaluates the delivery content, course execution, and teaching-learning processes through feedback and conducts academic audits. IQAC can develop and implement quality assurance processes to ensure that the institution maintains high education standards. It gathers feedback from students, teachers, alumni, parents, and employers. The college processes and implements corrective actions. Suggestions are

carefully considered in future planning for improvement. To enhance teaching quality, IQAC organizes seminars, conferences, faculty development programs, workshops, and hands-on training in partnership with academic institutions to foster knowledge among faculty members.

File Description	Documents
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/claim-sheet-6.5.1.pdf
Upload any additional information	View File

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

IQAC has played a key role in achieving ISO, and NAAC certifications. Green Energy Audits are conducted to evaluate the eco-friendly measures implemented on campus and to promote a sustainable environment. To enhance teaching quality, IQAC organizes seminars, conferences, faculty development programs, workshops, and hands-on training in partnership with academic institutions to foster knowledge creation and dissemination among faculty members. To ensure high-quality academic performance, the (IQAC) has implemented the Academic and Administrative Audit (AAA) system. At the end of each academic year, an audit is conducted for all departments by a team consisting of a chairperson, convener, external members, and internal members. The team evaluates various parameters and procedures based on modern educational standards. After the audit is completed, the team submits a final report to the principal Staff By recording incremental improvements in various activities, the institution can track its progress over time and ensure that it is continuously improving the quality of education that it provides. This can help to enhance the learning outcomes for students and ensure that they are well-prepared for their future careers. Overall, a well-functioning IQAC can play a crucial role in ensuring that an institution maintains high standards of education and delivers value to its students.

File Description	Documents
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/claim-6.5.2.pdf
Upload any additional information	View File

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://tjsec.in/wp-content/uploads/2025/01/Annual-Report-2023-24.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

T.J.S engineering college work for gender equity for female students, faculties, staffs - irrespective of caste, religion, gender, language, political, or other status to provide healthy work culture for all staffs which led to empower the students and staff. Gender sensitivity is an integral value in the institution cultural philosophy. Our institution Shows gender sensitivity through various initiatives and actions for creating safe, Secure and healthy atmosphere in the campus. Sensitization of the students is done through special lectures and functions. Separate

common room, Separate hostel for girls' students and one female staff in all bus to ensure the girls safety. counselling was arranged periodically my mentors to promote their mental well beingness. women empowerment cell was framed and various programmes, activities was conducted by the cell. The creation of Women's Cell for the redress of grievances of female students has served the all-important purpose of providing a platform for their free and active participation, voicing and expressing their opinions, views and issues favouring promotion of gender equality. To ensure the safety and security of the student's college campus is under the surveillance with CCTV cameras and the securities frequently monitor the campus during the night time.

File Description	Documents
Annual gender sensitization action plan	http://tjsec.in/wp-content/uploads/2025/01/7.1.1-claim.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://tjsec.in/wp-content/uploads/2025/01/7.1.1-claim.pdf

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

A. 4 or All of the above

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

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

Sufficient numbers of waste bins are available in the campus for the students to dispose of degradable and non-degradable wastes, Biodegradable waste includes food wastes, wastes from canteen, human waste, paper waste etc. Non-biodegradable wastes include

plastic, tins, metals, glass bottles etc. Bio-degradable and non-biodegradable wastes are put in proper waste bins located in every classroom, laboratories, canteen, kitchen, washrooms and corridors. The wastes are regularly shifted to collecting trolleys by housekeeping staff members. They are then dumped in the specified place located away from the academic area and processed accordingly. A biogas unit can be used in organic manure in the garden. The major components of the bio-gas plant are a digester tank, an inlet for feeding the kitchen waste, a gas holder tank, an outlet for the digested slurry, and the gas delivery system for taking out and utilizing the produced gas.

Biodegradable wastes are effectively converted to fertilizer by composting technology inside the campus, Display regarding Food Wastes and Water conservation, to realize an environment with zero food waste, several quotations, newspaper articles and awareness statements are displayed in notice boards through which students and employees are inspired to reduce food water losses and waste.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	http://tjsec.in/wp-content/uploads/2025/01/7.1.3.pdf
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

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

A. Any 4 or All of the above

greening the campus are as follows:

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

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-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies

A. Any 4 or all of the above

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).

T.J.S engineering college is proactively taking efforts in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities by celebrating many Events and Festivals at the institution. The initiatives taken by the institution was to promote harmony among the students, staff and the stakeholders and better education on sociology and environment for the students. The institution celebrates Ganesh Chaturthi, Navarathri Pooja, Christmas Celebration, Pongal Celebration. The institution also conduct programs like Swachbharath & Say no to Plastics Campaign, Voters Day Awareness Programme, Active participation and Pledge against Drug Abuse, Raise to awareness on physical and spiritual powers of Yoga. Some of the activities are designated towards empowering a holistic environment for the students improvement. In Swachbharath & Say no to Plastics Campaign and Voters Day Awareness Programme lectures were conducted to the villages for increasing their environmental and ethical awareness and for better future . the institution also conduct Cultural Fest for college students and Interschool Cultural Fest to promote the confident and improve creative ability of the students. Cultural activities expose students to the traditions, beliefs, and practices of various cultures, fostering and appreciation for diversity.

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

T.J.S engineering college conducted various programs and activities to increase the Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens. National day was celebrated to honour our country's history and values and to develop a sense of national identity among the students. Republic day was celebrated by flag hoisting and highlighted by speech on the importance of the Indian Constitution to remind the values that our constitutions stand for. Blood donation camp was organized every year for creating the awareness about the need for blood donation among the students and the society. Rural development program was organised and conducted activities like Swachh Bharat, Vana Mahotsav (tree planting) socio economic status for entrepreneurship development for promoting the students' knowledge in the field of sociology by interacting with the people in the villages. voter's day was organised by NSS team of our college to create the awareness among young voters and conduct the voters day marathon on march 13th for students in briefing the importance of voting's and responsibilities of citizens in voting and pledge was taken by students for voting in upcoming election.

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 A. All of the above

the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff

4. Annual awareness programmes on Code of Conduct are organized

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

At T.J.S Institution, we believe in fostering a culture of inclusivity, diversity, and celebration of important national and international commemorative days. Our institution actively participates in observing and honoring these significant events to promote awareness and appreciation among our students, faculty, and staff.

Throughout the year, we celebrate various national and international commemorative days, including:

- Independence Day and Republic Day
- International Women's Day and Women's Empowerment Day
- World Environmental Day and World Health Day
- National Education and National Science Day
- Yoga and other significant festivals

We also organize cultural events, competitions, and exhibitions to highlight the importance of these days and promote cross-cultural exchange. Our campus comes alive with vibrant colors, music, and festivities, as we celebrate the rich tapestry of India's

diversity.

Furthermore, we invite guest speakers and experts to share their insights on the significance and relevance of these commemorative days in today's world. Our institution's calendar is filled with a range of activities that promote unity, inclusivity, and a sense of belonging, making us a vibrant and dynamic community.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

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

BEST PRACTICE 1

MENTORING

OBJECTIVE:

To enhance self-awareness, critical thinking, skills, confidence, and networking among students.

CONTENT:

TJSEC institution prioritizes student empowerment through tailored mentoring by experienced faculty. This approach helps identify students' strengths and weaknesses, fostering personal growth and academic improvement. Regular discussions on performance assessments enable personalized guidance, encouraging students, particularly those struggling, to seek help proactively. This builds trust and enhances the understanding between students and teachers, ultimately boosting academic performance.

PRACTICE:

- Trained faculty members conduct structured mentoring based on students' needs and goals.
- Employing framed questions to facilitate evaluation and support.

BEST PRACTICE 1I

ALUMNI MEETING

OBJECTIVE

The alumni network enhances student learning, career readiness, and personal development.

CONTENT

Alumni meetings provide students with networking opportunities, allowing them to connect with industry professionals and gain various career paths. Alumni share experiences, offer guidance on resume building, interview techniques, and industry trends, helping students navigate their career choices effectively. Additionally, these meetings foster mentorship relationships, enabling students to receive personalized advice and support.

PRACTICE

- Schedule regular alumni meetings and invite a diverse group of alumni.
- Facilitate structured networking sessions and workshops.
- Collect feedback to continually improve the meeting format and content.

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

TJSEC institution is focusing on specific priorities and thrust areas to enhance their operational effectiveness , academic excellence and community impact .One such distinctive area of priority and thrust is Training cell. Career and placement training is essential for preparing students and job seekers to navigate the competitive job market effectively. This training typically encompasses various components designed to equip individuals with the skills and knowledge necessary for successful job placement. Firstly, workshops focus on resume building, emphasizing the importance of crafting a professional CV that highlights skills, experiences, and achievements. Participants learn how to tailor their resumes for specific job applications. Secondly, interview preparation is crucial. Training sessions often include mock interviews, where candidates practice answering common interview questions and receiving feedback to improve their performance. Additionally, career counseling sessions provide insights into various industries, helping individuals identify their strengths and interests, ultimately guiding them toward suitable career paths. Finally, training may include guidance on job search strategies, utilizing online job portals, leveraging social media, and effective follow-up techniques .Overall, career and placement training empowers individuals with the confidence and skills needed for successful job searches, equipping them for a fruitful professional journey.

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

At the beginning of every semester, the semester plan is prepared by various departments and brought to student's notice. The semester plan contains details regarding the schedule for internal assessment test, assignments, subjects allotted to individual teachers according to their specialization and a plan of activity proposed to be conducted by the department during the semester. The semester plan makes the students aware of the proposed activities of the semester.

The concerned faculty for each subject prepares a detailed course plan which contains the units of syllabus and proposed dates of completion of the units. It also provides information about the text books and reference books to be followed.

Each individual teacher maintains a log book in which the topics discussed in the class are recorded on daily basis, which will give an idea about the completion of the units according to the lesson plan. The course document and log book are exposed every month examination and endorsed by the HOD and Principal. The management provide support by providing the facilities required by the faculty members. Effective delivery of the curriculum is achieved by making use of effective teaching practices by adopting various methods.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://tjsec.in/wp-content/uploads/2025/01/1.1.1-claim-final.pdf

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

The academic calendar was prepared for each semester as per the Anna University guidelines. It contains the details of commencement of classes, Assessment test, attendance entry,

Entry of marks and commencement of end semester examination for theory and practical Examinations.

Accordingly, the exam cell conducts internal tests and University exams. TJSEC have an individual exam cell consists of a coordinator and senior faculty members. Based on Anna University Semester plan, this cell prepares a schedule for conducting Common Assessment Tests, Model exams and Class Committee meetings. This Schedule is circulated to all the departments and is also displayed on the classroom notice board. After getting the CAT Exam schedule, Faculty was prepared question papers as per the Blooms Taxonomy with course objectives. Answer papers were corrected and awarded mark list prepared with head of the department and principal signatures. The same procedures were repeated for all the examinations. Based on the continuous assessment examination results, the internal marks were awarded to the students as per the Anna University guidelines. The teacher in-charge of the timetable in each department prepares the timetable as per the guidelines of respective statutory bodies prior to the commencement of each semester.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	http://tjsec.in/wp-content/uploads/2025/01/final-1.1.2.pdf

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

B. Any 3 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)

11

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

529

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

529

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

TJS Engineering College is affiliated to Anna University and the curriculum and syllabi are prescribed by Anna University. The Crosscutting issues like Gender Equity Initiatives, Environment and Sustainability, Human Values and Professional Ethics are well integrated into the Curriculum prescribed by Anna University.

Professional Ethics and Human Values Initiatives

In view of promoting the professional ethics and Human Values among the Engineering graduates the Anna University has introduced professional ethics and Human values as an elective course. Even though it is in academic curriculum.

Gender Equity Initiatives

The Institution strives to promote equality of opportunity and treatment for all men and women working and studying at the College. Various cells and committees such as Anti-Ragging Committee, Anti sexual harassment cell, etc., are proactive in handling gender-based issues. The College Provide Separate hostel for boys and girls with state of art infrastructure.

Environment and sustainability initiatives

The Institution gives utmost care to protect our environment and teach our students about the environment and sustainability issues occurring in the society. The TJSEC gives utmost care to create an environmentally friendly, sustainable campus. It offers Values Environmental related activities among the students like Tree Plantation, Campus Cleaning Program 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

32

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

346

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

1.4 - Feedback System	
1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above
File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File
1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
File Description	Documents
Upload any additional information	View File
URL for feedback report	https://tjsec.in/wp-content/uploads/2025/01/1.4.1_Action-taken_2024-1.pdf
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment Number Number of students admitted during the year	
2.1.1.1 - Number of sanctioned seats during the year	
387	
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

288

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

2.2 - Catering to Student Diversity

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

After admission, the learning levels of the students are assessed and categorized based on their and internal assessment performances, that is for first year students higher secondary education marks and first (CAT-1) common assessment test -1 marks. For second, third and final year students can be assessed by their previous semester final exam results and CAT-1 exam results. This process is continued for every semester.

1. Advanced Learners

2. Slow Learners

Advanced learners are encouraged to upgrade their technical knowledge by encourage them to participate in seminars, technical quizzes and symposiums and conferences. The faculties are providing NPTEL video links so that they can view their core subject videos to enrich their subject knowledge. Advanced learners are also motivated to communicate their manuscripts for journal publications. Mini projects and science exhibitions are conducted to share their knowledge. To increase the learning ability of slow learners from the first year the bridge course for about 10 days are conducted which includes the fundamental of mathematics, Physics and language classes. Apart from the above mind mapping techniques, tutorials and Special classes are conducted. A very excellent mentoring system is adapted to motivate and guide the students

File Description	Documents
Link for additional Information	https://tjsec.in/wp-content/uploads/2025/01/2.2.1-CLAIM.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
843	88

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

The learning process is altered by the application of student-centric strategies like problem- solving techniques and experimental learning. The institutions main goal is to enhance teaching and problem-solving techniques through a variety of initiatives. Numerous Memorandums of Understanding (MoU's) have been linked in order to enhance students' practical learning skills and their capacity to solve problems in real time in an industrial setting. Every semester, the department arranges a minimum of two industrial visits, in-plant training and an internship for the students. Digital infrastructure is updated day-by day to support all aspects of experimental learning. Participant learning is adopted in Conference, Symposium, Workshop, Guest Lectures, Value-Added Course and other curricular activities like NSS, Sports and Cultural activities. Encouraging students to solve problems independently or in groups promotes a deeper understanding of the subject matter. This approach emphasizes the application of knowledge to real-world scenarios. Information and Communication Technology (ICT)-enabled tools are used by teachers to facilitate effective teaching and learning. Problem Solving Techniques includes Final Year Projects, Mini-Projects/Industrial Project and Tutorial Classes to encourage students for doing discrete projects with presentation with multi-step problem solving, research, logical deduction and iterative learning and also

encourage teamwork.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://tjsec.in/wp-content/uploads/2025/01/2.3.1-INDEX.pdf

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

Information and Communication Technology (ICT) tools empower both teachers and students. They transform the teaching and learning processes from being highly teacher dominated to becoming student-centric and this transformation results in increased learning gains for students, creating and allowing for opportunities for learners. In TJSEC Teachers are supported in their efforts to improve teaching and learning processes by providing them with ICT enabled tools, they are cost-efficient and eliminate the usage of paper. Alongside minimizing cost, they also save time during class lectures enabling swift and dynamic transmission of content. They provide access to dynamic teaching and learning methods and facilitate easy student management. ICT is a powerful tool for educational change and reform. Appropriate use of ICT has helped the college raise the interest levels amongst the students and has helped connect learning to real-life situations. ICT enabled tools are used by teachers to facilitate effective teaching and learning. It is used to optimize, improve and support information transmission. It renders more support to the teachers for writing lesson plans, maintaining records, presenting material and conducting online searches. The ICT infrastructure in every classroom includes Wi-Fi and LCD projectors are installed.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	http://tjsec.in/wp-content/uploads/2025/01/2.3.2-Index.pdf

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)**2.3.3.1 - Number of mentors****63**

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****88**

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

88

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.

T.J.S Engineering College is affiliated to Anna University, Chennai, and follows the Examination pattern of the university. Anna University guidelines are strictly adhered to concerning the evaluation process. There are three internal assessment tests conducted. The schedules of internal assessments are communicated to students and faculty at the beginning of the semester through the institute's academic calendar which is prepared based on the university academic calendar.

- Scheduling of Internal Assessment Test, Seating Arrangements, and Hall Invigilators listed for CAT-1, CAT-2, and Model Exam.
- Preparing the question paper for the internal assessment test in the prescribed pattern based on Knowledge level using revised Bloom's taxonomy.

After completion of the internal assessment test, the faculties evaluate the answer scripts and distribute them to the students

for doubt clarifications or re-correction. The faculty submits the re-corrected scripts to the concerned department and marks are displayed on the notice board.

Result review meetings are conducted with result analysis and the remedial actions for further improvements are arrived at after discussion with Faculty, HOD, and Principal.

File Description	Documents
Any additional information	View File
Link for additional information	http://tjsec.in/wp-content/uploads/2025/01/2.5.1-Index.pdf

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

Internal examination related grievances:

Through College Exam Cell, the Principal constituted an examination committee, comprising a senior faculty as a convener and other teaching and non-teaching faculty as members, to handle the issues regarding the evaluation process. The internal marks are displayed on the notice board. If any discrepancy like mistakes in the question paper, mark allocation, or correction is noticed by the students, the concerned faculty will resolve the discrepancy, and the necessary corrections will be made. All such representations are taken positively and are reassessed by another faculty if necessary.

External Examination related grievances:

If students have grievances related to the evaluation of university answer scripts it is intimated to the subject handling faculty and head of the department, if necessary, for further action. Students can bring their grievances by applying for the following evaluation procedure:

Re-Evaluation Procedure:

Students can apply for re-evaluation of their answer scripts within a week from the declaration of results if they are not satisfied with their results. The results of the re-evaluation will be announced as per the university norms.

File Description	Documents
Any additional information	View File
Link for additional information	http://tjsec.in/wp-content/uploads/2025/01/2.5.2-Index.pdf

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.

Clearly defined learning outcomes are essential to educational planning and delivery at TJSEC. Aligning Program Outcomes (the overall knowledge, skills, and attitudes gained upon program completion), Program Specific Outcomes (the specific skills students should achieve by the end of the program), and Course Outcomes (the disciplinary knowledge and abilities expected for each course) is crucial for creating a cohesive learning experience. Faculty members in each department at TJSEC diligently prepare their course plans to incorporate Program Outcomes, Program Specific Outcomes, and Course Outcomes. At the start of each semester, faculty members communicate these course learning outcomes to students during class. This structured approach serves as a roadmap for both faculty and students, guiding them toward meaningful learning experiences rather than simply accumulating course credits.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://tjsec.in/wp-content/uploads/2025/01/2.6.1CLAIM.pdf
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 course attainment level is evaluated, using the Bloom's taxonomy of the learning domain. The students who have scored less than 70% are motivated and guided through remedial classes, class tests, re-tests, quizzes, and objective tests which are used to assess the attainment of Course Outcomes (CO). The institution put all its efforts into getting the students ready to work in a challenging professional environment. To meet program outcomes not covered by the regular curriculum, the cocurricular, extra- curricular activity, industrial visits, and training program are arranged. Course outcomes are calculated using both internal assessment and university exam performance. Assessment tools are designed to evaluate the attainment of the Course Outcomes (COs). It is important to select assessment tools that align with the specific COs of the course and to use multiple assessment tools to provide a comprehensive evaluation of student learning. The assessment tools are chosen based on the specific course outcomes being assessed and the teaching methods being used in the course. The evaluation of the CO involves the use of both direct and indirect assessment tools, with greater weightage assigned to the former. Specifically, 80% weightage is given to direct assessment tools, and 20% indirect assessment tools.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://tjsec.in/wp-content/uploads/2025/01/2.6.2-Index.pdf

2.6.3 - Pass percentage of Students during the year

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

54

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	http://tjsec.in/wp-content/uploads/2025/01/2.6.3-CLAIM-1.pdf

2.7 - Student Satisfaction Survey

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

<https://tjsec.in/wp-content/uploads/2025/01/2.7.1.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

4.8

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

1

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	https://www.pantechsolutions.net/

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

21

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

1

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

2

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

TJS Engineering College has conducted many extension activities to improve social responsibilities between students, through conducting activities of the Youth Red Cross (YRC) and National Service Scheme (NSS) plays vital role in social welfare.

NATIONAL SERVICES SCHEME:

The objective of NSS is developing the personality and character of the student through voluntary community service. The NSS unit of TJSEC was started on 2018. Mrs. C. Shalini, M.E., Assistant Professor of Department of Electronics and Communication Engineering is the coordinator for National Services Scheme.

- "Not Me But You" defines the philosophy of NSS. The welfare of every individual is dependent on the welfare of society.

- The students of TJSEC conducted Women empowerment programme at Mangavaram Village & New Gummidipoondi, Impacts of Mobile usage at Government Primary School in New Gummidipoondi Village, Cleaning the Residential area at Sunnambukulam Village in Thiruvallur district.

YOUTH RED CROSS CLUB:

The Youth Red Cross was established in the year 2021. The Youth Red Cross Club is student-led organization affiliated with the Red Cross. Mr. R. Sathishkumar (coordinator) and Members of the YRCC often Conducted various activities such as organizing blood donation Camp in Verkadu Village, Health and Hygiene Programme in Verkadu Village, Health Check-up in Therauli Village.

File Description	Documents
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/3.3.1-MAIN-INDEX.pdf
Upload any additional information	View File

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

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

2

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

3.3.3 - 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

12

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

258

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

4

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**4**

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

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities**

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

The institution has obligatory infrastructure required for effective teaching-learning process. The Infrastructure has adequate facilities to fulfill the norms laid by AICTE and Anna University. The available facilities are enhanced by addressing the needs of students to support development activities. The facility of ICT tools helps to strengthen the teaching and learning process. The physical Infrastructure consists of 38 class rooms, 28 laboratories, 2 Seminar halls, open auditorium, and play grounds. Moreover the Institute has supporting Academic and Administration rooms for UG and PG programs. Classrooms and seminar halls has LCD projector, Internet connectivity, well-furnished furniture, Ventilation and Luminance.

All the departments conduct various activities to facilitate Teaching-Learning Process. Laboratories and equipment are regularly maintained and updated. The charts are displayed in the Laboratories for better understanding of theory and practical concepts. For Internet access and computing purpose, the Institute has 450 Computers connected in LAN with 50 Mbps Bandwidth. Computer laboratories are equipped with high-end servers with latest configuration.

Library has compilation of books, e-journals, journals, Web

based resources, Audio/Video materials etc. Exclusively, Training & Placement cell provides adequate Infrastructure for training, Placement and co-curricular activities. It has separate Seminar hall to carry out that activities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://tjsec.in/wp-content/uploads/2025/01/4.1.1-1-1.pdf

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

Academics along with sports related activities play a significant role, in shaping the personality and character of a student. With the same ideology, TJSEC emphasizes on college sports, cultural activities and encourages students to participate in various tournaments. The activity includes athletics, games, yoga and cultural events etc. TJSEC has amenities for all games and sports. A well-equipped gymnasium and Yoga centre is also provided for both students and faculty to maintain their fitness. TJSEC students have represented in state level in Cricket, Volleyball, and Athletics etc. A number of awards for outstanding performance in sports/cultural activities in state level have been accomplished. TJSEC also provides Yoga facilities for students and faculties. Yoga is a form of exercise consisting largely of the asanas that helps to improve strength, balance and flexibility of the body and peace of mind. Cultural programs at TJSEC: TJSEC believes in extracting extra-curricular skills of the students through the various cultural activities. Being in the field of education, the TJSEC takes the responsibility to create friendly and encouraging environment in the campus. Cultural Meet Club performs various activities and organizes events like celebration of orientation day, World Environmental day, Annual day, Graduation day, etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://tjsec.in/wp-content/uploads/2025/01/4.1.2-1.pdf

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

2

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

31

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://tjsec.in/wp-content/uploads/2025/01/4.1.3.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

79.17

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)

In TJS Engineering College with EFY Library automated management software, in-house library operations with a fully-integrated system can be done. Library automation consists of the hardware and software used to automate libraries. Library automation provides automated tools for managing a library's collections and usage information. Library automation software makes it easier for patrons to use electronic resources. It increases the efficiency of the library. It makes information more available and accessible in an easier manner. The possibility of data and resource duplication is eliminated with automation. We can find books in an instant, issue/reissue books quickly, and manage all the data efficiently and orderly using this system. The purpose of a library management system is to provide instant and accurate data regarding any type of book, thereby saving a lot of time and effort. In TJS Engineering College through EFY Library automated management software, all following daily tasks and services are automated.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://tjsec.in/wp-content/uploads/2025/01/4.2.1.pdf

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

A. Any 4 or more of the above

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

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)**6.76**

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****241**

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**

TJSEC has an IT policy covering Wi-Fi, Cyber security, etc. TJSEC has allocated budget for updating its IT facilities. It has a well-established IT infrastructure updates its laboratories including, Hardware, system & application Software Wi-Fi connectivity regularly. In TJSEC, they provided various computer labs for every department with the all required Software. Internet bandwidth of 40mbps in 2023 was upgraded to 940mbps in 2024. Over 376 computers on the campus are connected through the Local Area Network (LAN) Systems in campus. TJSEC has Microsoft Campus Agreement (MCCA) to make use of Microsoft productivity software which is highly useful to students. The computer labs are kept open from 8.30 am up to 3.30 pm for the utilization and comfort for use of the faculty & students. The Wi-Fi facility is available in college and also provided to the students & faculty and in hostel premises also. A separate internet lab is also provided to the students. The students as

well as the faculties can access the internet from their own laptops anywhere on the college through WiFi.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://tjsec.in/wp-content/uploads/2025/01/4.3.1-Claim-Final.pdf

4.3.2 - Number of Computers

376

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)

37.2

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.

T.J.S Engineering College has a well-defined policy and system for the maintenance and utilization of all its physical and academic facilities .The College has appointed maintenance support staff to look after the buildings, types of equipment, and all other infrastructural facilities to maintain them in condition. Infrastructure-related problems are attended to by the maintenance staff under the supervision of the supervisor and the administrative officer. Classroom Cleanliness, housekeeping, sanitary maintenance, library, hostel buildings, mess, and college canteen are maintained, Centralized R.O plant for constant water supply and power supply is well taken care by technicians. General Instructions to students regarding the safe and secure usage of equipment while in the laboratory are displayed in each lab. The laboratories are maintained by the lab instructor. Maintenance of computers (Hardware and Software), updating software are done by system administrator. The classrooms are well ventilated which ensures a pleasant learning environment. The cleanliness of the playgrounds and play areas is maintained by the gardener. Regular maintenance of garden, landscapes maintenance are ensured regularly. The college has exclusive maintenance for pest control, garden maintenance, housekeeping, etc

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://tjsec.in/wp-content/uploads/2025/01/4.4.2-Index.pdf

STUDENT SUPPORT AND PROGRESSION**5.1 - Student Support****5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year****5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year****630**

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****105**

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

A. All of the above

hygiene) ICT/computing skills	
File Description	Documents
Link to institutional website	http://tjsec.in/wp-content/uploads/2025/01/5.1.3-claim.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File
5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
472	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
472	
File Description	Documents
Any additional information	View File
Number of students benefitted 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

105

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

4

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

0

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded

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.**

5

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)

As a part of our community development initiative, TJSEC follows Outcome Based Education methodology and has excellent facilities for the welfare of the students. Students acquire attributes such as Professional Ethics which is followed in the Institution. Moreover, all the students are given lot of opportunities in all spheres of activities of the Institution such as co-curricular and extra-curricular activities. Institute promotes representation of students on academic and administrative bodies. All the departments offer various kinds of academic activities for the benefit of students.

The constitution of the student council is as under

- President
- Secretary
- Lady Representative
- Representative belonging to SC/ST
- Student from each class as Class Representative

The above are elected members on the College Student Council. One student from each of the activities viz. NSS, NCC, Sports, Cultural activities is nominated by the Principal. The role of the Principal is of central importance in the establishment and operation of a Student Council. One senior teacher act as coordinator of the student council.

The Anna University Act provides representation to the President and Secretary of the College Student Council on the College Development Committee and IQAC.

File Description	Documents
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/5.3.2-CLAIM-SHEET.pdf
Upload any additional information	View File

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

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

25

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 often support new alumni, and provide a forum to form new friendships and business relationships with people of similar background. Our Institute has a registered Alumni Association for developing strong bond between old students and present students. The students who have graduated from the college are eligible to register as members of the alumni association. Our college is arranging the Alumni meet every year. It is named as TJSECAA meet, i.e., T.J.S. Engineering College Alumni Association meet. TJSECAA was registered under Societies Act 27 of 1975. The office of TJSECAA is in the premises of T.J.S. Engineering College.

This association provides a platform for passed out students to keep in touch with the college. Alumnus extended their support in curricular and co-curricular activities like cultural, seminar, books donation. The Alumni Association also contributes as financial Support for growth of association. Financial contributions made by the Alumni Association toward the college's development further exemplify their dedication. The alumni of the college had to be brought together for further activities to conduct the alumni meet and the formal Alumni Association was initiated with a proper Inaugural function under the guidance of the Principal.

File Description	Documents
Paste link for additional information	http://tjsec.in/wp-content/uploads/2025/01/5.4.1-claim.pdf
Upload any additional information	View File

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

E. <1Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision:

To empower the youth by developing their capabilities through quality education based on values.

Mission:

- To promote education through a holistic manner to make them employable
- To make them responsible citizens to participate in the advancement of the society
- To make them contribute to the national growth and the world at large.
- To promote excellence, quality and relevance in the field of technology to suit the industry needs.

The Chairman leads the administration of the TJSEC and directs the principal, professors, and students as they work to realize the institute's Vision. The Chairman must give his approval for all important decisions involving the start of new programs, the development of infrastructure, and the creation and dissemination of strategy.

The perspective plans are prepared by the Principal. The

academic calendar scheduling the internal assessment, industrial visits, conferences, workshops, seminars, FDPs, club activities, sports day, graduation day, celebrations etc . The Principal ensures quality standards in education, the learning process, and other related activities. The operating plans for each department are created by the HODs with the Principal's needs in mind. The tasks and responsibilities for working in an amicable environment with total transparency are given to faculty.

File Description	Documents
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/CLAIM-6.1.1.pdf
Upload any additional information	View File

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

In TJSEC The institution's management, administration, finances, and academic issues are all managed through decentralized, transparent processes. This system of assigning proper duties from upper management to lower management frees up top management to concentrate on formulating policies and making important decisions. In accordance with the demands of the regulatory bodies, the establishment of statutory committees such as the Planning and Monitoring, IQAC, Anti-Ragging and Internal Complaints Committees is routinely carried out. These committees have a significant influence on how governance, academia, research, teaching, and learning policies are made. The Head of the Institution makes sure that the pupils receive a high-quality education that promotes their overall growth. The Head of the Institution also oversees the institution's overall growth and compliance with its strategic plan. The Head of the Institution oversees the institution's efficient operation with the help of the IQAC Coordinator and heads of the departments. A number of committees collaborate to plan, organize, carry out, and supervise all of the Institution's activities. Even at the departmental level, the decentralized structure is present. The management and all stakeholders, including department heads, faculty, students, alumni, employers, university nominees, industry experts and educators are active in the institution's many functional committees

File Description	Documents
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/CLAIM-6.1.2.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Following is the perspective plan of the institution:
Curricular Aspect

1. To ensure effective delivery of the curriculum.
2. Feedback from students, teachers, parents, alumni, and nonteaching staff.

Teaching Learning and Evaluation

1. Continue imparting quality teaching and Using ICT tools.
2. Regular academic audit
3. Introduce innovative processes in teaching-learning.

Research Consultancy and Extension

1. Emphasises publication in UGC CARE listed/SCOPUS indexed journals and participation in RC, OC, FDP, etc.
2. Encouraging field trips for experiential learning.
3. Formation of Cells/bodies like NSS, IQAC, Eco Club, Women Cell etc

Infrastructure and Learning Resources

1. Promoting sports infrastructure.
2. Automation of library facilities and digitization.
3. Continue providing digital library services.

Student Support and Progression

1. Promoting skills and extra-curricular activities
2. Providing career guidance and placement services.

Governance Leadership and Management

- 1.Ensuring good governance through decentralized and participative management practices.
2. The Governing Body (GB) works as the apex body.
3. Continue discharging their respective duties and responsibilities

Institutional Values and Best Practices

1. Continue using solar energy.
2. green and clean campus
3. Continue doing the best practices.
4. Services to local community.
5. Conservation of water and energy
6. Sports as a thrust area

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/6.2.1-CLAIM-2024.pdf
Upload any additional information	View File

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

The organogram of the institution indicates that the Organization is supported by the Board of Trustees and Governing Council, Academic Council. This institution is a unit

of T.J. Sivananda Mudaliar Educational Trust. Shri. T.J. Govindarajan., Educationalist, Industrialist, and philanthropist is the Chairman of the Governing Council of the college. The Governing Council accommodates highly prestigious and academic members of the society along with a higher level of faculty members of the college. The major decisions for the college are taken by the governing council meeting to arrive at major policy decisions. The admission, financial administration, and academic administration of the interaction are carried out by the executive committee whose members are Chairman, Vice-Chairman, Secretary, Treasurer, and Principal. The board of trustees comprises three members besides the secretary and treasurer. The Principal is assisted by the staff council and also assisted by the office of the Principal. The appointment of faculty and staff members is based on norms issued by the affiliating university while the service rules are formulated and amended through meetings at various levels. The policies of the institution help in the successful functioning through the implementation of optimal procedures instructed by AICTE, UGC NBA and NAAC standards.

File Description	Documents
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/6.2.2-CLAIM.pdf
Link to Organogram of the Institution webpage	https://tjsec.in/about-tjsec/
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 list of effective welfare measures existing for both teaching and non-teaching staff helps in the effective functioning of our organization. Leave benefits, Medical Centre for treatment, Gym, Canteen facility, Tour advance, Festival Advance, Social welfare - PF, ESI, Group Insurance Scheme, Fees concession forwards of faculty.

1. Casual Leave: A total of 12 days' leave is given in a year along with Restricted Holidays.

2. Sick Leave: This type of leave is given 10 days a year.

3. Maternity Leave: Female staff is entitled to a maximum of 4 weeks (28 days) of maternity leave with postnatal leave.

4. Summer Winter vacation: This is given 4 weeks in summer and 2 weeks in winter.

5. Provident Fund: It is composed of contributions made by the employee during the time he/she worked along with an equal contribution by the employer. 6 50% fee waiver to employees Childers studying in our group of institution and also Regular permission for higher learning, and research are in place which promotes a motivating factor in the college.

File Description	Documents
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/CLAIM-6.3.1-..pdf
Upload any additional information	View File

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

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

52

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

2

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

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

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

56

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

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

Teaching

1. Distribution of Performance Appraisal Proforma among

teachers to track academic development, activities, and participation in professional courses.

2. The IQAC makes assessment of the progress made by the teachers in the respective year. Appropriate measures whenever required are taken accordingly.

3. Feedback is taken from teachers on various areas including classroom delivery, grievances if any, and institutional ambience to know their satisfactory levels.

4. Regular sitting is organized by authority with the HoDs to take stock of syllabus progression in classes and ensure proper curriculum delivery.

5. Regular attendance of teachers in library is monitored to optimize usage of available resources including Digital Library facilities.

Non-teaching:

1. Feedback from the non-teaching staff is taken to know their satisfactory levels.

2. The principal sits with the non-teaching staff to review their activities and performance in aspects like students' admission, Examination form-fill up, and proper and timely communication with the affiliating university.

3. The non-teaching staff are encouraged to enhance capacity building for meeting the growing challenges and facilitate necessary tools.

4. Ensure proper maintenance of college resources and data, clean and green practices, and delivery of duty.

File Description	Documents
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/6.3.5-CLAIM-2024.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

Internal audit:

TJSEC conducts internal financial auditing once a Year. The process of auditing starts with the budgetary preparation and there is well defined process for sanction of budget. The approved budget is communicated to administrative in-charges. The Chairman monitors and reviews the expenditures of the Institution by conducting budget meeting. The monitoring of expenditure against budget is regularly undertaken annually, where all department incharges and administrative in-charges submit their annual expenditure statement to the Principal and it is forwarded to the Chairman.

The main purpose of this procedure is to control the expenses and increase the operating efficiency. Proper record for all budget expenses is maintained by each department in-charges, administrative in-charges, accounts department, and the Principal office. Further, the accounts department maintains the record of all the expenditures after the verification of vouchers and bills.

External auditing:

TJSEC complies with the statutory auditing norms. At the end of every financial year, the income and expenditure statement is duly audited and authorized by a Chartered Accountant. The Chartered Accountant prepares and submits the auditor's report for the financial year. After the Verification of all financial reports, The ITR were filled

File Description	Documents
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/6.4.1-Claim-sheet-09-01-25.pdf
Upload any additional information	View File

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers

during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	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

TJS Engineering College is a self-financed institution, where the funds are generated through the fees paid by the students. The TJSEC has a well-defined mechanism to monitor the effective and efficient utilization of available financial resources to develop academic processes and infrastructure development. Optimal Utilization of funds and resources are ensured through induction and orientation Programs, workshops, inter-disciplinary activities, training programs, Refresher Courses, Faculty Development Programs, Conferences, Industry-Academia interactions that ensure quality education. All the administrative and academic heads are requested to submit the budget required for the subsequent financial year.

A major source of revenue for the college is from the tuition fee collected from the students as per the state government guide lines .The collected fee is deposited in the Institution's account and withdrawn periodically as per the institute's requirements. Institute adheres to the Utilization of budget approved for academic expenses and administrative expenses by the management. The funds are also utilized for infrastructure development, salary, research, training activities, ICT tools, green campus initiative, extension activities, transport, maintenance, welfare measures, and library. The Utilization of the allocated funds is monitored periodically and audited at the end of every financial year

File Description	Documents
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/6.4.3-Claim-sheet-09-01-25.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

The Internal Quality Assurance Cell (IQAC) was established in the academic year 2019, adopting a Quality Policy aimed at developing quality assurance strategies for the benefit of all stakeholders. The primary goal of IQAC is to devise methods to enhance the academic and administrative functions of the institution. The college has a Planning and Monitoring Committee (PMC) to address the concerns and viewpoints on academic matters. The PMC's objectives include improving management skills by delegating roles and responsibilities to faculty and students, participating in decision-making, and planning student-centred approaches. It also promotes strong relationships among students, administrators, and management. The PMC is crucial in improving students' academic experience and campus life. IQAC evaluates the delivery content, course execution, and teaching-learning processes through feedback and conducts academic audits. IQAC can develop and implement quality assurance processes to ensure that the institution maintains high education standards. It gathers feedback from students, teachers, alumni, parents, and employers. The college processes and implements corrective actions. Suggestions are carefully considered in future planning for improvement. To enhance teaching quality, IQAC organizes seminars, conferences, faculty development programs, workshops, and hands-on training in partnership with academic institutions to foster knowledge among faculty members.

File Description	Documents
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/claim-sheet-6.5.1.pdf
Upload any additional information	View File

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

IQAC has played a key role in achieving ISO, and NAAC certifications. Green Energy Audits are conducted to evaluate the eco-friendly measures implemented on campus and to promote a sustainable environment. To enhance teaching quality, IQAC organizes seminars, conferences, faculty development programs, workshops, and hands-on training in partnership with academic institutions to foster knowledge creation and dissemination among faculty members. To ensure high-quality academic performance, the (IQAC) has implemented the Academic and Administrative Audit (AAA) system. At the end of each academic year, an audit is conducted for all departments by a team consisting of a chairperson, convener, external members, and internal members. The team evaluates various parameters and procedures based on modern educational standards. After the audit is completed, the team submits a final report to the principal Staff By recording incremental improvements in various activities, the institution can track its progress over time and ensure that it is continuously improving the quality of education that it provides. This can help to enhance the learning outcomes for students and ensure that they are well-prepared for their future careers. Overall, a well-functioning IQAC can play a crucial role in ensuring that an institution maintains high standards of education and delivers value to its students.

File Description	Documents
Paste link for additional information	https://tjsec.in/wp-content/uploads/2025/01/claim-6.5.2.pdf
Upload any additional information	View File

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

A. All of the above

NBA)

File Description	Documents
Paste web link of Annual reports of Institution	https://tjsec.in/wp-content/uploads/2025/01/Annual-Report-2023-24.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

T.J.S engineering college work for gender equity for female students, faculties, staffs - irrespective of caste, religion, gender, language, political, or other status to provide healthy work culture for all staffs which led to empower the students and staff. Gender sensitivity is an integral value in the institution cultural philosophy. Our institution Shows gender sensitivity through various initiatives and actions for creating safe, Secure and healthy atmosphere in the campus. Sensitization of the students is done through special lectures and functions. Separate common room, Separate hostel for girls' students and one female staff in all bus to ensure the girls safety. counselling was arranged periodically my mentors to promote their mental well beingness. women empowerment cell was framed and various programmes, activities was conducted by the cell. The creation of Women's Cell for the redress of grievances of female students has served the all-important purpose of providing a platform for their free and active participation, voicing and expressing their opinions, views and issues favouring promotion of gender equality. To ensure the safety and security of the student's college campus is under the surveillance with CCTV cameras and the securities frequently monitor the campus during the night time.

File Description	Documents
Annual gender sensitization action plan	http://tjsec.in/wp-content/uploads/2025/01/7.1.1-claim.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://tjsec.in/wp-content/uploads/2025/01/7.1.1-claim.pdf

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

A. 4 or All of the above

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

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

Sufficient numbers of waste bins are available in the campus for the students to dispose of degradable and non-degradable wastes, Biodegradable waste includes food wastes, wastes from canteen, human waste, paper waste etc. Non-biodegradable wastes include plastic, tins, metals, glass bottles etc. Bio-degradable and non-biodegradable wastes are put in proper waste bins located in every classroom, laboratories, canteen, kitchen, washrooms and corridors. The wastes are regularly shifted to collecting trolleys by housekeeping staff members. They are then dumped in the specified place located away from the academic area and processed accordingly. A biogas unit can be used in organic manure in the garden. The major components of the bio-gas plant are a digester tank, an inlet for feeding the kitchen waste, a gas holder tank, an outlet for the digested slurry, and the gas delivery system for taking out and utilizing the produced gas.

Biodegradable wastes are effectively converted to fertilizer by composting technology inside the campus, Display regarding Food Wastes and Water conservation, to realize an environment with zero food waste, several quotations, newspaper articles and awareness statements are displayed in notice boards through which students and employees are inspired to reduce food water loons and waste.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	http://tjsec.in/wp-content/uploads/2025/01/7.1.3.pdf
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:

A. Any 4 or All of the above

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

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

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

A. Any 4 or all of the above

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

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

A. Any 4 or all of the above

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

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

T.J.S engineering college is proactively taking efforts in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities by celebrating many Events and Festivals at the institution. The initiatives taken by the institution was to promote harmony among the students, staff and the stakeholders and better education on sociology and environment for the students. The institution celebrates Ganesh Chaturthi, Navarathri Pooja, Christmas Celebration, Pongal Celebration. The institution also conduct programs like Swachbharath & Say no to Plastics Campaign, Voters Day Awareness Programme, Active participation and Pledge against Drug Abuse, Raise to awareness on physical and spiritual powers of Yoga. Some of the activities are designated towards empowering a holistic environment for the students improvement. In Swachbharath & Say no to Plastics Campaign and Voters Day Awareness Programme lectures were conducted to the villages for increasing their environmental and ethical awareness and for better future . the institution also conduct Cultural Fest for college students and Interschool Cultural Fest to promote the confident and improve creative ability of the students. Cultural activities expose students to the traditions, beliefs, and practices of various cultures, fostering and appreciation for diversity.

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

T.J.S engineering college conducted various programs and activities to increase the Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens. National day was celebrated to honour our country's history and values and to develop a sense of national identity among the students. Republic day was celebrated by flag hoisting and highlighted by speech on the importance of the Indian Constitution to remind the values that our constitutions stand for. Blood donation camp was organized every year for creating the awareness about the need for blood donation among the students and the society. Rural development program was organised and conducted activities like Swachh Bharat, Vana Mahotsav (tree planting) socio economic status for entrepreneurship development for promoting the students' knowledge in the field of sociology by interacting with the people in the villages. voter's day was organised by NSS team of our college to create the awareness among young voters and conduct the voters day marathon on march 13th for students in briefing the importance of voting's and responsibilities of citizens in voting and pledge was taken by students for voting in upcoming election.

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

A. All of the above

regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

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

At T.J.S Institution, we believe in fostering a culture of inclusivity, diversity, and celebration of important national and international commemorative days. Our institution actively participates in observing and honoring these significant events to promote awareness and appreciation among our students, faculty, and staff.

Throughout the year, we celebrate various national and international commemorative days, including:

- Independence Day and Republic Day
- International Women's Day and Women's Empowerment Day
- World Environmental Day and World Health Day
- National Education and National Science Day
- Yoga and other significant festivals

We also organize cultural events, competitions, and exhibitions

to highlight the importance of these days and promote cross-cultural exchange. Our campus comes alive with vibrant colors, music, and festivities, as we celebrate the rich tapestry of India's diversity.

Furthermore, we invite guest speakers and experts to share their insights on the significance and relevance of these commemorative days in today's world. Our institution's calendar is filled with a range of activities that promote unity, inclusivity, and a sense of belonging, making us a vibrant and dynamic community.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

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

BEST PRACTICE 1

MENTORING

OBJECTIVE:

To enhance self-awareness, critical thinking, skills, confidence, and networking among students.

CONTENT:

TJSEC institution prioritizes student empowerment through tailored mentoring by experienced faculty. This approach helps identify students' strengths and weaknesses, fostering personal growth and academic improvement. Regular discussions on performance assessments enable personalized guidance, encouraging students, particularly those struggling, to seek help proactively. This builds trust and enhances the

understanding between students and teachers, ultimately boosting academic performance.

PRACTICE:

- Trained faculty members conduct structured mentoring based on students' needs and goals.
- Employing framed questions to facilitate evaluation and support.

BEST PRACTICE 1I

ALUMNI MEETING

OBJECTIVE

The alumni network enhances student learning, career readiness, and personal development.

CONTENT

Alumni meetings provide students with networking opportunities, allowing them to connect with industry professionals and gain various career paths. Alumni share experiences, offer guidance on resume building, interview techniques, and industry trends, helping students navigate their career choices effectively. Additionally, these meetings foster mentorship relationships, enabling students to receive personalized advice and support.

PRACTICE

- Schedule regular alumni meetings and invite a diverse

group of alumni.

- Facilitate structured networking sessions and workshops.
- Collect feedback to continually improve the meeting format and content.

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

TJSEC institution is focusing on specific priorities and thrust areas to enhance their operational effectiveness , academic excellence and community impact .One such distinctive area of priority and thrust is Training cell. Career and placement training is essential for preparing students and job seekers to navigate the competitive job market effectively. This training typically encompasses various components designed to equip individuals with the skills and knowledge necessary for successful job placement. Firstly, workshops focus on resume building, emphasizing the importance of crafting a professional CV that highlights skills, experiences, and achievements. Participants learn how to tailor their resumes for specific job applications. Secondly, interview preparation is crucial. Training sessions often include mock interviews, where candidates practice answering common interview questions and receiving feedback to improve their performance. Additionally, career counseling sessions provide insights into various industries, helping individuals identify their strengths and interests, ultimately guiding them toward suitable career paths. Finally, training may include guidance on job search strategies, utilizing online job portals, leveraging social media, and effective follow-up techniques .Overall, career and placement training empowers individuals with the confidence and skills needed for successful job searches, equipping them for a fruitful professional journey.

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

As part of continuous improvement, we have planned to make the Academic Calendar activity-oriented. FDP, Guest lectures, Workshop, Seminar, industrial interaction and industrial visits will be scheduled, so as to bridge the gap between classroom teaching and industrial requirements. More activities of Social Outreach would be organised, Improvement in publications like Scopus, WEB of Science and SCI. IIC & CII: An initiative of MHRD/MOE Central government of India is the INSTITUTIONS INNOVATION COUNCIL (IIC) a part of the MIC-Ministry of education's innovation cell. This IIC is a council established in all HEI's for the empowerment of students in innovation, entrepreneurship, internship, social media IPR activities. The Confederation of Indian Industry (CII) has been conducting the impact survey and survey of industry linkages of technical institute in partnership with AICTE The objectives of the survey are to showcase best practice of industry partnership across AICTE approved technical institutes in the streamsofengineering and management science. ENTREPRENEURSHIP DEVELOPMENT CELL: A well-established centre for entrepreneurship in the institution is expected to create many start-ups and innovative entrepreneurs in collaboration with IIC and CIL. The number of activities and its calibre shall be increased exponentially in theupcomingyear.