Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**T.J.S.ENGINEERING COLLEGE**
Name of the head of the Institution	**Dr.T.Palani**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**04427967602**
Mobile no.	**7373730006**
Registered Email	**principal@tjsec.in**
Alternate Email	**tjsivanandam@gmail.com**
Address	**T.J.S ENGINEERING COLLEGE, TJS NAGAR, PERUVOYAL, NEAR KAVARAIPETTAI, THIRUVALLUR DISTRICT.**
City/Town	**Gummidipoondi**
State/UT	**Tamil Nadu**
Pincode	**601206**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Dr. D.Tamilarasi**
Phone no/Alternate Phone no.	**04427967602**
Mobile no.	**7373730006**
Registered Email	**principal@tjsec.in**
Alternate Email	**tjsivanandam@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://tjsec.in/wp-content/uploads/2023/07/SSR-.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://tjsec.in/wp-content/uploads/2022/04/Academic-schedule-2018-19.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**2.42**	**2019**	**14-Jun-2019**	**13-Jun-2024**

6. Date of Establishment of IQAC	**06-Jun-2018**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Internal Academic auditor	**16-Aug-2018**	**73**

training for ISO standards for faculty	2	
Internal Academic audit	08-Jan-2019 2	71
IPR Awareness Program	05-Mar-2019 1	67
Seminar in Outcome Based Education and Attainment process	10-Apr-2019 1	75
Faculty Development Programme on	15-May-2019 1	64

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
TJS Engineering College/Entrepreneurship Development Cell/Mr.M.Prakash	DST/NIMAT	DST	2019 9	60000
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View Link]()
10. Number of IQAC meetings held during the year :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	[View Uploaded File]()
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

1. Academics: Five value added courses and ten new multidisciplinary certificate courses have been launched. 2. Teaching and learning activities: Enrolling

students in online MOOC courses and encouraging them to use the online platforms for COVID programmes. 3. Research: Enhanced IPR and startup efforts for transferring technology and intellectual property. 4. Quality: standardized the feedback system with online formats, improved the current policies, and added new policies for efficient administration. Create committees to keep an eye on the feedback system. 5. Extracurricular Activities: Faculty participated in workshops, conferences, and seminars at the state and national levels throughout this academic year because all staff members are encouraged to attend seminars, workshops, and conferences, etc.

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

Plan of Action	Achivements/Outcomes
Conduction of Remedial Classes for student having poor performance and low attendance	University result improved, and nil arrears student's nos increased.
Final year students Project EXPO was planned on24 th JAN- 2019.	Final year students Project EXPO was conducted on 26 th JAN- 2019.
AMCAT training to enhance the placement activity	Successfully the AMCAT training program was conducted and many students have cleared the exams.
Industry institute MOU's to enhance placements	Significant number of MOU'S have signed with the industries through Department & Placement Cell.
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Governing Council	12-Jul-2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	27-May-2019
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	2019
Date of Submission	03-Jan-2019

17. Does the Institution have Management Information System ?	No

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The Anna University prescribes the academic schedule for every semester that should be followed by the affiliated Institutions. Based on this schedule ,academic calendar is prepared with all the details of commencement of the class, tests, completion of syllabus, and tentative dates for University practical and theory exams, total number of working days and details of holidays and made available to the students and faculty. Based on the academic calendar, an academic schedule for the semester is prepared by Academic Coordinator at the college level and communicated to all the HODs. The academic calendar prepared is circulated to all the faculty members and students individually before the commencement of each semester. This is helpful in pre-planning all the activities. The faculty members prepare the lesson plan for the subjects allotted in a standard format for each subject. In the Lesson Plan, the faculty member enters the Pass Percentage, Highest Mark and Class Average for the specific class for Previous Year and Target Value for Current Year. Lesson plan is submitted to the HOD. After verification, correction, if any, and approval, it is returned to the faculty member. Faculty members maintain the lesson plan in their course file. This plan forms the basis for the delivery of the allotted subject. The Faculty members are constantly motivated and encouraged to adopt innovative approaches in the classroom. Besides the use of conventional method, various other teaching methods like Quiz, Group Discussion, Demonstrations, PPT Presentations, Industrial Visits, Open book tests, Assignments, Videos are used for effective curriculum implementation. The Lecture Plan is filled in by the respective faculty member and submitted on a monthly basis to the HOD. In case of any deviation, the details are suitably indicated in the Lecture Plan and suitable remedial action is suggested if there is any deviation. It is mandatory that the deviation details and the proposed corrective action are filled in the lecture plan by the respective faculty member and the HOD will review the details for necessary action. The student's attendance register should be maintained by the faculty which is also verified by the HOD every month. At the end of semester, HOD ensures that the syllabus is completed by the entire faculty as per the lesson plan. Assessment and evaluation are the major tools to verify the attainment of course outcomes. Students are assessed on a continuous basis by conducting two internal assessment tests and one model examination per semester. In this process, student's performances are used to assess whether the students acquired prescribed outcomes from that specific course. College administration also keeps a vigilant eye on the results, departmental proceedings and student needs and also keeps record of the different activities of the college regarding teaching-learning, development and improvements of different methods of effective.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Revit	--	03/09/2018	28	Employabil	Technical

Software				ity	
Smart Technologies	--	01/08/2018	30	Employabil ity	Technical
Embedded System	--	12/12/2018	27	Employabil ity	Technical
Solid Works	--	03/09/2018	30	Employabil ity	Technical
Application of PIC micro controller	--	11/12/2018	28	Employabil ity	Technical
R programming	-	03/09/2018	28	Employabil ity	Technical
Design of Experiment	-	20/08/2018	28	Employabil ity	Technical
AutoCAD 2D and Creo Parametric	-	04/01/2019	30	Employabil ity	Technical
Arduino application	-	12/12/2018	28	Employabil ity	Technical

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	BE.CSE	02/07/2018
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	CIVIL	02/07/2018
BE	CSE	02/07/2018
BE	EEE	02/07/2018
BE	ECE	02/07/2018
BE	MEECH	02/07/2018
ME	CSE	02/07/2018
ME	VLSI DESIGN	02/07/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	660	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Orientation Programme for first year	03/09/2018	157

Motivation Programme for all First year	10/09/2018	157
Communication Skills for all Second year	14/09/2018	222
Soft Skill for all Second year	15/10/2018	222
Personality Development Programme for all third year	12/11/2018	252
Company Specific Training for Final Year	18/12/2018	383
Yoga and Meditation programme all First year	21/01/2019	157
Aptitude Training for Final year	04/02/2019	383
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	CSE	74
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

Academics and Assessments are the importance of feedback based on the performance of the assessment tasks for supporting improvement and progress in student learning achievement. Encoding and Decoding feedback can be challenging in the workplace and it is believed that talents can be developed in an attempt of getting feedback from others in order to improve their skills and they can be differentiated from others. 1. STUDENTS FEEDBACK To enhance and assure the quality of the educational approaches, it is used to enhance the curriculum, student feedback has been suddenly and through effort have a growth mindset. These individuals put effort into learning and constantly built into the curriculum. This feedback was collected through evaluation forms and consolidated as final feedback. In this context, feedback from the students was obtained through an evaluation form. This exercise helped us to infer that the contents of the course were sufficient. Further, they remarked that the design of the various courses is highly applicable to facing the different dimensions of societal issues. 2. TEACHERS FEEDBACK: Teacher feedback which involves an accurate appraisal of the effectiveness of teaching, its strength and areas that need development and revision of curricula plays a vital role in the

development of the institution. Teachers had given feedback about the curriculum, learning, teaching, evaluation, and infrastructure. The study of teacher feedback as a measure of educational guidance is a serious concern. Teacher feedback is a pedagogical tool for promoting interaction on campus between students, administrators and all the others in the educational set-up. 3. ALUMNI FEEDBACK: It is s very affectionate and supportive. this creates a larger network which helps crucial for the success of the institution. The feedback from alumni provides the institute with ideas and innovation to make further improvements. 4. EMPLOYERS FEEDBACK: The placement cell helps us to create a new network with various sectors to organize off and on-campus placements in the institution. This helps the graduates to get employment easily. The feedback form collected from the Employers on the curriculum provides the institution with ideas and thought processes to make further improvements.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	CIVIL	60	10	6
BE	CSE	120	75	54
BE	EEE	60	25	11
BE	ECE	120	50	38
BE	MECH	120	62	48
ME	CSE	18	12	5
ME	VLSI DESIGN	18	10	4
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1014	13	98	6	5

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
109	109	33	30	0	6
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

TJSEC drives to enhance the culture to serve better the needs of an exchanging and dynamic learning community. Active mentoring begins with the faculty. To attain academic success and persistence, a healthy relationship between faculty and students is practiced. • Type of Mentoring: All-round development (Personal, Academic, and Career). • No. of Faculty Mentors: All teaching faculties • No. of Students per Mentor: 10 - 15 approximately (1:7 as per ratio) • Frequency of Meeting: 2 times in a semester Teaching faculty member in the department will act as a mentor for a group of students assigned to them. Mentors will monitor their attitudes, progress, and report to the concern HOD acting as Academic Council. Also, we concentrate on extra-curricular activities in which the mentor identifies individual talents in their interests. A counseling file is maintained by the mentor where all the details of their students are recorded and continued until the student completes his/her graduation. The counseling file supported by each mentor has features like Personal information, Academic performance, Attendance record, Internship, and Industrial training, Co-curricular and Extracurricular Activities, Awards and prizes, and Counseling remarks. Additionally, TJSEC following the Best Practices Innovative Teaching Methodology, learning by doing, storyboarding, process-oriented guide inquiry learning, club activities, self-learning – Do it Learn out, Skill development programming, and finally collaborative learning. Finally we conduct Continuous Assessment Test (CAT) and providing remedial classes for slow learners to improve their performance. Also, Effective learning using ICT tools like PPT/Video content/ Notes/ Study materials uploaded in Google Class Room. Project-based Experimental learning methodology followed to fulfill blended courses. For above average students we motivated to do additional certificate course like value added course Workshops, Seminars, and Symposium/ Conference 2 events per semester respectively to promote multidisciplinary. During the counseling session, students will represent the personal, academic difficulties that they are facing from time to time and the mentor will help the students to overcome their challenges by suggesting suitable remedies. If the problem seems to be tough, then the students will be addressed by the concern HOD (Academic council) along with their mentor. Information about the progress and challenges of their students will be intimated to the respective parents periodically through phone calls / SMS/ WhatsApp /post etc. For semester twice parents meeting will be conducted.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1027	109	1:9

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
102	109	0	0	6

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	SATHEESH KUMAR.V	Associate Professor	Best Teacher Award
2019	R. RAVIKUMAR	Professor	Best Teacher Award
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination

| BE | 103 | 8/IV | 13/04/2019 | 22/05/2019 |

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The Continuous Internal Assessment system at the institution level is carried out by Exam Cell. The following procedures are involved in the Assessment system for evaluation as Question Paper Setting: The exam cell prepares the exam schedule as per the academic calendar. It is approved by the Principal HOD and is circulated to the department. The subject coordinator who is one of the subject experts set the question paper as per the regulation of university patterns. The question paper is prepared to compose questions on different levels of thinking ranging from lower to higher levels of cognitive thinking as per Bloom's Taxonomy system. Due weightage is given for standard and average questions while setting the question paper. The questions are selected to assess the understanding level of the students as per the Bloom's Taxonomy system given below: • Level 1: Remember and Recall Information • Level 2: Understanding and interpreting concepts and ideas • Level 3: Apply • Level 4: Analyze • Level 5: Evaluate • Level 6: Create Evaluation of answer scripts: The answer key prepared by the concerned faculty is submitted to the exam cell. The answer scripts are evaluated by the subject handling faculty themselves. Central evaluation is adopted for the correction of the Model exam answer sheets. Blind evaluation is done by shuffling and distributing the answer sheets to the faculty members, similar to the Anna University central evaluation process. The evaluated answer scripts are handed over to the students within two days of conducting the assessment test and the answer keys are discussed with the students. Assignments (I II), Mid-Term Tests (I II), Internal Assessments (I II), Revision Tests, and Model exams are conducted every semester, for the continuous assessment, in the learning process of students. All the above-mentioned evaluation processes contribute to 20 Marks of total (Internal Marks) allotted to the particular course. The end Semester exam contributes to the remaining 80 marks through external examination.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Academic year schedule as prescribed by Anna University. The University publishes in advance, the academic calendar containing plans for both curricular and co-curricular activities based on the available working days as per regulations. Affiliated Institution prepares the College academic calendar in concurrence with the University calendar. The academic calendar is prepared by following the university schedule both odd/even semesters and distributed to the Faculty and the students. The academic calendar provides the date of commencement of the academic session, duration of the semester, period of internal assessment tests, events planned like the workshop, guest lecture value-added courses, placement training, industrial visit, internship, in-plant training, symposium, and conference for the semester and Government holidays. Students are well informed about the timetable for the internal assessment examination and the schedule for portal entry. The whole syllabus is divided into several subtopics, and the mode of teaching will be determined by the concerned Faculty to prepare Lesson Plan. The lesson plan based on Blooms Taxonomy System and course objectives must be prepared in alignment with an academic calendar which is duly approved by the Head of Department and Principal after careful examination. Question banks are prepared for each topic in the course based on Blooms Taxonomy System and course objectives and considering the university question papers before the start of the semester. The co-curricular activities such as industrial visits, guest lectures, value-added courses, placement training, workshops, cultural activities, symposium, and conferences are planned by the Department based on the academic calendar

and the schedules are used to be displayed on the notice board periodically.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://tjsec.in/aqar-2018-2019/

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
103	BE	CIVIL	52	35	67.31
104	BE	CSE	74	69	93.24
105	BE	EEE	54	41	75.93
106	BE	ECE	80	71	88.75
114	BE	MECH	123	114	92.68

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://tjsec.in/wp-content/uploads/2023/08/SSS-2018-19.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Students Research Projects (Other than compulsory by the University)	180	TNSCST	7500	7500
Any Other (Specify)	9	DST-NIMAT	60000	60000

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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
A Seminar on Importance of Intelluctual Property Rights(IPR) Awarness	CSE	18/07/2018
A Seminar on Research Methodology	CSE	27/11/2018

An One day Workshop on Qualitative Research Methodology	MECH	08/08/2018
A Seminar On Engineering Research Problem	MECH	30/01/2019
A Seminar on Advancement of Electrical Machines	EEE	14/07/2018
A Seminar On Modern Telecommunication in Electrical and Electronics	EEE	21/07/2018
A Workshop On Research Proposal Writing for funded Projects	CIVIL	23/07/2018
An One day Workshop on Identifying Problems in Technology Innovation.	CIVIL	13/02/2019
A Seminar on Recent Research Development in AI	ECE	04/10/2018
A Workshop on IPR and IP management for startup	ECE	29/01/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Design of construction of BLDC Motor to replace the sewing machine clutch motor for handicapped	1. R.Bhanu Prakash 2. Ekanath 3.Nirmal Raghavan	TNSCST	09/04/2019	Student Project scheme
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nil	Nil	Nill	Nill	Nill
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
0	0

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	ECE	1	1.31
National	CSE	1	0.5
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
ECE	2
ECE	24
EEE	3
CIVIL	1
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Nil	Nil	Nil	Nill	0	Nil	0
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Nil	Nil	Nil	Nill	0	0	Nil
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	3	16	0
Presented papers	13	28	0	0
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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
One Day Temple Cleaning Programme in Andarkuppam	NSS	2	42

Murugan Temple				
Pollution Prevention Programme in kumaranpettai village	NSS	2		30
AIDS awareness programme at Peruvoyal village	NSS	2		32
Awareness on Dengue Fever at Gummidipoondi Bus Stand	NSS	2		40
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
One Day Temple Cleaning Programme in Andarkuppam Murugan Temple	Appreciation letter	arulmigu balasubramanya swamy thirukovil	42
Pollution Prevention Programme in kumaranpettai village	Appreciation letter	Kumarapettai Panchayat	30
AIDS awareness programme at Peruvoyal village	Appreciation letter	Peruvoyal Panchayat	32
Awareness on Dengue Fever at Gummidipoondi Bus Stand	Appreciation letter	Gummidipoondi Taluk	40
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
NSS	Road Transport Office,Gummidipoondi	Road Safety Awareness Programme	2	60
NSS	Tahsildar Office,Gummidipoondi	Awareness Enrichment Programme for Aadhar Card	2	30
NSS	Gummidipoondi Municipality	Awareness on malaria fever at peruvoyal	2	30

| NSS | Tahsildar Office,Gummidipoondi | Voters Awareness Programme | 2 | 32 |

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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Seminar on Basics of auto cadd	54	TJSEC	1
Guest lecture on soil test	14	TJSEC	1
Seminar on Big Data Analytics	82	TJSEC	1
Workshop on R programming	74	TJSEC	3
Guest Lecture on Hadoop	61	TJSEC	1
Seminar on Embedded system	47	TJSEC	1
Two days workshop on how to select project domain and its implementation	81	TJSEC	2
Guest lecture on Advanced Technology	42	TJSEC	1
Guest lecture on PLC	60	TJSEC	3

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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Industrial Visit	Industrial Visit	Sakthi Transformers	28/07/2018	28/07/2018	46
Industrial Visit	Industrial Visit	Alamathi Substation	13/08/2018	13/08/2018	46
Industrial Visit	Industrial Visit	400KV srip erumbudar Substation	20/08/2018	20/08/2018	54
Industrial Visit	Industrial Visit	NCTPS	01/09/2018	01/09/2018	46
Industrial	Industrial	110/220kv	05/01/2019	05/01/2019	46

Visit	Visit	Substation Gummidipoondi			
Industrial Visit	Industrial Visit	230KV KORATTUR SUBSTATION	08/02/2019	08/02/2019	46
In Plant Training	In Plant Training	NSIC,GUINDY	16/07/2018	20/07/2018	13
In Plant Training	In Plant Training	ASHOK LEYLAND	26/12/2018	29/12/2019	4
In Plant Training	In Plant Training	Jana Engineering Industries	26/12/2018	29/12/2018	5
In Plant Training	In Plant Training	Unit Control System	26/12/2018	29/12/2018	20
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
EDII Gujarath	18/07/2018	Entrepreneurship Development Activities	120
Auto Desk	20/08/2018	Design	70
ELYSIUM Group of Companies	09/03/2019	Training, Consulting Projects,Research	25
Prolific Technologies	16/03/2019	Worshop,seminars, Training	60
Vee Technologies	18/09/2018	Worshop,seminars, Training	60
JK Electro corps	10/09/2018	Workshop,seminars ,Training	170
Unique control system	18/07/2018	Guest Lecture,Training	45
CADD CENTRE	19/02/2019	Workshop,seminars ,Training	80
Kashiv Infotech	28/11/2018	Guest Lecture,seminars,Training	55
[View File](#)			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
55	53.91

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing

View File

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
EFY LIBRAY MANGAMENT SYSYTEM	Partially	1.0	2012

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	12956	5182800	3687	1474800	16643	6657600
Reference Books	0	0	205	225750	205	225750
CD & Video	390	78925	22	3500	412	82425
Library Automation	1	35000	0	0	1	35000
Weeding (hard & soft)	220	91200	25	9000	245	100200
Others(specify)	226	45200	0	0	226	45200
e-Books	405	103000	0	71390	405	174390
Journals	560	1500000	70	220850	630	1720850
e-Journals	1378	615000	0	71390	1378	686390

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. S. Velmurugan	EC8004 Wireless	Google Class room	10/10/2018

	Networks		
Dr.M.Sathya Priya	EC8351 -Electronic Circuits- I	Google Class room	05/11/2018
D.Mythily	EC8352 -Signals And Systems	Google Class room	12/11/2018

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	441	408	441	0	0	8	10	40	15
Added	0	0	0	0	0	0	0	0	0
Total	441	408	441	0	0	8	10	40	15

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

40 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NIL	NIL

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
25	23.06	65	63.15

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The college has appointed maintenance support staff and sub staff to look after the buildings, equipments and all other infrastructural facilities to maintain them in condition. Infrastructure related problems are attended by the maintenance staff under the supervision of the supervisor and the administrative officer. For Maintenance, cleaning, housekeeping sanitary maintenance and cleaning of the classrooms, library, hostel buildings, mess, college canteen .Sub staff have been appointed to supervise them. Centralized R.O plant for constant water supply and power supply are maintained by technicians. The laboratories are maintained by the lab instructor. The faculty members are responsible to maintain the computers and register the complaints. Installation is done in the lab area in the presence of the concerned lab in charge. Lab-in-charges record the details of consumable and non-consumable equipment in respective registers. Fire safety equipment is maintained in labs as precautionary measure. The complaints are handled by the lab instructors and the system administrator. The systems are inspected and updated once in two

months for the maintenance purpose. Separate complaint register is maintained for various services like housekeeping, electrical, etc. The stock in the lab is verified for the available equipments and discarded equipments, by a meticulous stock verification process. The purchase of new computers, printer, refilling etc. is supervised by the department. Fire and safety equipment is maintained in labs for precautionary measure and maintenance. Before the commencement of every academic year, a lab audit is conducted and a report on the requirement of new equipment, replacement of the old equipment and modernization of machines/software is prepared and it is submitted to the Head of the Department for Approval. Along with the requirement of consumables and non-consumables as per the university guidelines to conduct experiment, regular inspection of machines is organized. LCD projectors, air conditioners and water coolers are maintained with the help of internal resources /external resources. Computer labs and many of the major equipments like UPS, Server are well ventilated. The classrooms are daily cleaned by the sweepers to maintain the cleanliness and neat ambience. The classrooms are well ventilated which ensures the pleasant learning environment. The campus has a library that has a good collection of printed journals, e-journals, volumes of books that supports to students and faculty. The library maintenance is updated with regular cleaning of racks, floors, keeping the quality of books and the stationary and furniture items.

http://tjsec.in/wp-content/uploads/2023/08/4.4.2-policy-procedure-for-physical-and-acadamic-maintenence.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Institution scholarship	46	617450
Financial Support from Other Sources			
a) National	BC/MBC/SC/ST /FIRST GRADUATE	722	19172570
b)International	--	0	0
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Placement Training	18/07/2018	356	Ms. Mona/T.J.S.E.C/9514297420
Personality Development	10/09/2018	118	Mr. S. Arun Kumar/Soft skill trainer / Face Training Agency/7401353304
Intra and Inter Personal skills	26/11/2018	116	Mr. S. Arun Kumar/Soft skill trainer / Face Training Agency/7401353304

Group Discussion	28/11/2018	125	Ms. Mona/T.J.S.E.C/9514297420
Aptitude Training	04/02/2019	112	Ms. Mona/T.J.S.E.C/9514297420
Time Management	06/02/2019	75	Mrs. Edreena .P/Soft skill trainer /Face Training Agency/ 9600024573
self Assessment Training	08/02/2019	52	Mr. Mannar Mannan .S/ Soft Skill Trainer/ 9498021342
Technical Training	11/03/2019	69	Mrs. Edreena .P/Soft skill trainer /Face Training Agency/ 9600024573
Team work	13/03/2019	91	Mrs. Edreena .P/Soft skill trainer /Face Training Agency/ 9600024573
AMCAT Orientation Program	25/02/2019	362	Mr. Bharanitharan /PO/T.J.S.E.C/98949 39101
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	AMCAT-(IV YEAR)	Nill	362	Nill	18
2018	" Mock-Interview Program-(IV YEAR) Interview Mook Interview Program"	Nill	340	Nill	54
2018	Introduction to Emerging technologies on mobile ap plication-(I V YEAR)	Nill	45	Nill	36
2018	Trends in	Nill	168	Nill	72

Marketing-(I V YEAR)				

View File

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
HABILE TECHNOLOGIES	95	12	TCS	10	2

View File

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	1	B.E	CIVIL	CRESCENT SCHOOL OF BUSINESS	PGDM-MARKETING EN TREPRENEURSH IP

View File

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Any Other	3

View File

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Singing Solo (Boys)	Institution	6
Singing Solo (Girls)	Institution	6
Singing Group (Boys)	Institution	6
Singing Group (Girls)	Institution	8
Singing Group (BoysGirls)	Institution	6
Dance Solo (Western/Classical) (Boys)	Institution	7
Dance Solo (Western/Classical)	Institution	5

(Girls)		
Dance Group (Western/Classical) (Boys)	Institution	6
Dance Group (Western/Classical) (Girls)	Institution	4
Musical Instrument (Group)	Institution	6
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	NIL	National	Nill	Nill	Nill	Nill
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

1. Class Representative: In each class through the class committee includes HoD, Class Advisor and Mentor, identifies a male and a female representative based on the academic performance are chosen and regular meetings are conducted during the commencement and at the end of the semester, and also whenever it is required. 2. Committee: The following committees are formed through the class committee includes HoD, Class Advisor, and Mentor, and a coordinator is selected for each committee. A frequent discussion is done to enable the committee to function efficiently and to ensure that the students exhibit their communication skills, technical skills, excellence in sports, cultural activities, teamwork, and time management and also expected to build leadership qualities and confidence. • Co-curricular Activities: To enhance the application of technical knowledge, it is aimed to motivate students to participate in the seminar, symposium, conference, and various competitions at college or inter-college levels. • Sports: Sports talents of the students are exhibited through their involvement in Inter-college competitions. Students are also motivated to participate in various events in inter-college matches university sports meet, etc. and the winners are encouraged. • Cultural Meet: Competitions are conducted in the college to enhance the literary and other skills of the students, and to participate in various events organized by other universities/colleges. • Hostel Committee: Meetings are conducted with hostel students regarding the services and facilities given to them whenever required • Anti-Ragging: A student from each department is selected for Anti-Ragging Committee to address any issues

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

467

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

The Alumni meeting was organized on 25/02/2019 at 10.30 AM on our college premises. Totally 300 students were attended the alumni meet. After the function the department alumni meet was conducted. The Alumni meet is conducted every year in order to reconnect with the Alumni and celebrate their success and various achievements. The Alumni Meet started with an invocation song seeking the blessings of almighty, to start the occasion on an auspicious note, Principal Dr.T. Palani proceeded to the dais for the lighting of the lamp along with Chairman and other faculties of the College. The Chairman and Principal addressed all the Alumni and gave insights about various developments taken place in the College in the recent few years. In response, alumni members shared their experiences as well as interesting moments of college campus life with their friends. The Meet Concluded with a Vote of Thanks.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

As a decentralization measure for academics, Heads of Departments are responsible for the academic and administrative matters of the departments with one or more programmes. Overall quality is managed through ISO system with Internal Quality Assurance Cell. Likewise for general administrative responsibilities, new portfolios are created at different time intervals and coordinators are appointed for the same. To enhance the programme outcomes as specified, Programme Coordinators are identified to support the Head of the Department in executing academic activities effectively. They facilitate various stakeholders to decide the curriculum, plan the meetings, and implement their innovation with a core team of faculty members identified for the programme under the supervision of the Head of the Department. Programme Coordinators are empowered to strengthen each programme of study and support the Head of the Departments in providing outcome-based education.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Teaching and Learning	The teaching, learning and assessment strategies are structured to achieve learning outcomes. The curriculum of every semester is completed within the stipulated time through planning of the courses of study, timely conduct of continuous evaluations, laboratory examinations, end semester examination, etc. Self learning, ICT based learning, blended learning are given priority. Fully qualified, competent and dedicated faculty members contribute to the all round development of the

		students. The classrooms are equipped with audiovisual aids to enhance the quality of teaching learning process. Also Faculty development programmes are conducted regularly to enhance the quality of the teachers.
	Examination and Evaluation	The College Examination Cell holds the responsibility for all exam related activities and through coordinated efforts of all the stakeholders, the entire evaluation system is smoothly managed by the Exam cell. Internal assessment I covers Unit I and II, Internal assessment II covers Unit III and IV and model examination covers the entire syllabus of a particular course. The question paper patterns for the internal examinations have been standardized by the institution, similar to that of Anna University end semester question paper pattern like ,containing Part A, Part B and Part C questions. All the above-mentioned evaluation processes contribute to 20 percent of total (Internal) marks allotted to the course are also accessible through the website of the affiliating university. The end Semester exam contributes to the remaining 80 percent of the marks. For practical's, students are awarded Internal Marks (20) based on their performance in the lab classes and model practical. The end semester exam contributes to the remaining 80 percent of the marks.
	Research and Development	To promote research activities in the college, the IQAC committee i) Supports the eligible departments to apply for Research Centre recognition under Anna University, Chennai. ii) Ensures the Ph.D holders to apply for Guide Recognition under Anna University, Chennai. iii) Encouraged to publish research papers in refereed journals with high impact factor. iv) Motivates to submit research proposals for various funding agencies v) Motivate to submit proposals for conducting seminars, Conferences, Workshops. vi) Prompts the faculty to interact with the industry for collaborative research projects. vii) Identifies and encourages various research activities of all the departments viii) To publish a research journal inviting technical papers from the researchers ix) To

		sponsor participation and presentation in International conference
Library, ICT and Physical Infrastructure / Instrumentation		The institution has an excellent library for the benefit of students, faculty and researchers. The library has a large collection of books around 17000 from various reputed publishers like CRC Press, Springer, John Wiley, McGraw Hill, Elsevier, Oxford, ASM international, and Laxmi etc., It is covering various branches of Engineering and Technology, Science and Humanities and allied fields. It has 120 national and international journals by reputed publishers of India and abroad and also the library contains Digital library with 1452 E-Journals access. The library contains more than 226 Tamil book collections to improve the state language and cultural developments. The library is fully computerized. The Library hour is scheduled as a part of the timetable. Library is kept open on all working days of the week. Digital Library utilization is encouraged for both students and faculty.
Human Resource Management		TJSEC Administration provides transparency in rules of employment, promotion, increments, and retirement through a separate section that takes care of human resources. These rules are in line with the rules of the Anna University Chennai, Tamil Nadu. Also the college management provides promotion, award of increments, and support needed to travel abroad are provided by the college after appropriate interviews, verification of credentials, and merit in a transparent manner. These norms are communicated to all employees through circulars and invitations. Faculty members are permitted for the award of the international fellowships to pursue advanced studies/research.
Industry Interaction / Collaboration		The institution firmly believes in industry interaction and these interactions through MoU's with organizations like Jana Engineering Industries, Thick Technologies, Designing with ME solutions, M.D.Automation and controls, Signals and Solutions, Kamatchi steel Industries, Emerald tyres, T.J. Arumugam co have resulted in internship to the students, immersion programmes

	for the faculty, problem solving, testing and consultancy assignments for industries.
Admission of Students	Admissions for BE., ME., Programmes are done through Tamil Nadu common single window online counseling in various rounds according to their rank based on the norms specified for admission. At the end of each round of online counseling, the respective colleges can download the list of candidates allotted. The counseling authority also specifies the date before which the candidates have to get admitted to the respective colleges. After verification of all the records, the students are provided with a dummy Roll number and a temporary Identity card, and an admission slip containing the name of the student, branch, roll number and the fee amount to be paid to the college. The Principal gives the final approval for admission and the candidate pays the college fee in the accounts office. For the convenience of the candidates and parents, the hostel admission process is also completed in the college premises which include room allotment and payment of hostel fee

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Finance and Accounts	MS Excel, Tally software is used for the activities related to finance and accounts section.
Student Admission and Support	For maintaining and managing students' admission details and other related details Smart student ERP System developed by SS TECK SERVICES, Chennai. The Students details, Contact address, their daily attendance etc., are maintained in the Smart Student ERP system.
Examination	The college has a well-equipped examination cell with a good level of automation and staff, headed by the full-time Controller of Examinations supported by the principal of the institution. Preparation of the question papers for conducting the assessment tests. A question bank containing all possible questions is prepared by each subject handling faculty and submitted to the exam cell for Assessment tests and model exams. Also the head of the departments give

	approval for the question after the verification of the questions which are meets the maps each question with the respective knowledge level as well as the course outcome.
Planning and Development	To review the academic and other related activities of the Institution and to review the students and faculty development programs Planning and Monitoring Board is in place. Soft copy of the Academic calendar, Time table, Internal assessment schedules etc., sent to all the departments through TJSEC web mail. Google spread sheets are used to share the information among the departments related to the students attendance, performance of the students in the examinations etc.,
Administration	The MIS software smart student ERP helps the institution to maintain the student details like their personal, academic, Extra-Curricular, Cocurricular campus activities. Faculty details like their attendance result analysis is also being maintained.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Mr. M. VIDHURAN KUMAR	Workshop on Linear Algebra	Nill	2000
2018	Mr. M. PRAKASH	Twodays workshop on IPR and patent filling	Nill	4000
		View File		

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	FDP on Human Values and Professional Ethics	Nill	04/06/2018	Nill	66	Nill

2018	One Day FDP on Research methodology	Nill	12/09/2018		Nill	73	Nill
2018	Nill	Program on Stress management	16/10/2018		Nill	Nill	24
2018	FDP on IPR	Nill	21/11/2018		Nill	69	Nill
2018	Training for Effective Communication Skills	Nill	19/12/2018		Nill	Nill	15
2019	Faculty Development Programme on IOT	Nill	03/01/2019	04/01/2019		57	Nill
2019	Workshop on utliztion of E-Learning	Nill	06/02/2019		Nill	80	Nill
2019	Workshop on Microsoft office	Nill	26/03/2019		Nill	Nill	15
			[View File]()				

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Power Electronics	2	21/06/2018	28/06/2018	8
Design of Renewable Energy Systems	1	23/03/2019	Nill	1
Emegring Technologies	10	27/08/2018	31/08/2018	5
Full Stack Development	10	17/09/2018	21/09/2018	5
ICMR Seminar on Medical Imaging For Health Care	1	10/04/2018	11/04/2018	2
Hands on Training in Virtual	1	17/09/2018	21/09/2018	2

Instrument, VLSI Embedded				
FDP on IPR	15	06/04/2018	Nill	1
FDP on Researchmethodology	20	10/12/2018	Nill	1
FDP on Human Values and Professional Ethics	20	06/04/2018	Nill	1

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	0	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
The organization offers various kinds of paid leaves to employees teachers.Casual, duty, medical, maternity, vacation, and compensated leaves of absence. All members of the teaching staff are protected by group insurance	Non-teaching employees are eligible for casual leave, on-duty, medical, maternity, vacation, and compensated leaves of absence. All members of the teaching staff are protected by group insurance All non teaching members provide provident the fund, bonus,security uniform insurance and advance amount	Industrial trips are planned, as well as many seminars, training sessions, fee loans from the trust, scholarships, and medical facilities.

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

State government grant: Audit is conducted annually by the office of the State Government Local Fund Audit and the consolidated report is submitted to the Directorate of Technical Education, Chennai, for further action. In case of discrepancies pointed out by the audit team, remarks from the college are sought out and if found satisfactory, the issue is closed. If not found satisfactory, suitable corrective action recommended by the DoTE is informed to the college for the closure of the issue. Management grant: Concurrent Audit is conducted by the audit team of the accounts department of the TJS Trust. The annual audit is conducted by the Chartered Accountant appointed by the Management and the report is submitted to the Chairman for further action. All receipts and payments in respect of Grants received from Government of India / Government of Tamil Nadu are audited regularly by internal external audits.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose

NIL	0	0

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6.4.3 – Total corpus fund generated
0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Anna University	Yes	IQAC
Administrative	Yes	CHARTERED ACCOUNTANT	Yes	INTERNAL AUDITOR

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1) Participation in parents meeting during the start of the academic year. 2) Participation as representatives in the Anti Ragging Committee. 3) Participation as representatives in the Anti Drug Committee.

6.5.3 – Development programmes for support staff (at least three)

1.Program on Stress management 2.Workshop on Microsoft office 3.computer hardware maintenance

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Conducting Value-added courses for all under graduate and post programme 2. Profiling of first year students for career counseling and introduction of employability enhancement courses 3. Appointment of department wise career counsellor and placement counselor. 4. Procurement of E-books and E-Journals in consultation with all the departments for the development of E-library. 5. Appointment of new external supporting trainers for Placement and Training. 6. Establishment of CII cell 7. Establishment of IIC cell

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	Yes
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	IQAC MEETING - I	04/07/2018	Nill	Nill	23
2019	IQAC MEETING - II	08/05/2019	Nill	Nill	23
2019	Academic Audit	Nill	23/01/2019	26/05/2019	103
2019	ISO internal	Nill	11/02/2019	15/05/2019	103

Audit				

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
International women's Day celebrations	08/03/2019	08/03/2019	100	30

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
The institute makes every effort to integrate cross cutting issues as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum. The Institute provides various means to educate the students on Climate Change and Environmental Education. Institute has dedicated environmental society which is basically an ECO club of students that organizes many events and aims at promoting and increasing environmental consciousness, awareness and responsibility amongst the Institute youth and the populace. Every year a plantation drive is done in the campus having a special budget/sponsorship for the event. Dustbins are installed at various positions and cleanliness is maintained. Conscious efforts are made to switch off lights and fans when not in use, to save energy. The institute has installed solar panel for supplementing the need of power supply to the hostel. Cleanliness drive is organized to create awareness and motivation among students to keep the environment clean.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	4
Provision for lift	No	Nill
Ramp/Rails	Yes	4
Braille Software/facilities	Yes	4
Rest Rooms	Yes	6
Scribes for examination	Yes	20
Special skill development for differently abled students	Yes	10

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages	Number of initiatives taken to engage with and	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff

and disadva ntages	contribute to local community						
2018	1	1	11/07/2 018	2	Carrier Guidance	Higher Secondary	100
2019	1	1	04/02/2 019	3	Awareness on Cancer	Cancer awareness	150
			View File				

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Academic calendar – Information booklet	02/07/2018	The information booklet for each department is provided at the starting of each semester to all the students and staff members. The calendar contains the following: Vision and Mission of the college and the Department. Rules and Regulations of the college (dress code, Visiting hours for parents, the non usage of electronic gadgets, and importance of Anti Ragging). The classroom manners Academic Standards, Rules to be followed for using the library and General conduct and Discipline. Each department constitutes a Disciplinary committee to maintain the discipline among the students and to address any issues

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Blood Donation camp	07/08/2018	07/08/2018	56
Entrepreneur Bazaar	12/11/2018	13/11/2018	167
Voter Days	25/01/2019	25/01/2019	108
	View File		

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

• Green landscaping with trees and plants • Reuse of waste paper in collaboration with ITC • No Plastic zone • Two bin solid waste management system • Tree Plantation and Herbal park establishment

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice -I 1.Title of the Practice: Daily Practice Test 2.Objectives of the Practice To Encourage students to complete the assignments on regular basis. To improve the understating of the subjects. 3.The Context: DPT helps the students to master on important topics it encourges them to focus on future learning particuly on weakareas. 4.Practice: Daily first one hour test. A special focus is given on them and they are made to stay after the college hours to write the test 5.Evidence of success: Improves knowledge retention. 6.Problems Encountered and Resources required: The slow learners are identified by the respective subject teachers Remedial classes are conducted in order to help them score letter marks. Best Practice-II 1. Title of the Practice:-Students Associations of Department and College. 2.Objectives of the Practice To develop about different types of entrance exams and interview. 3.The Context: It is platform for students to participate actively in the activities conducted by students associations. 4.The Practice: After formation of association the activities are planned for a semester. 5.Evidence of success: Students are actively participating in different activities, it makes a positive improvement in students like personality development, communication skills, management skills, programming skills etc. 6.Problems Encountered and Resources required: To motivate students for participation is challenge

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

http://tjsec.in/wp-content/uploads/2023/08/Best-Practice.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

T.J.S ENGINEERING COLLEGE (TJSEC) is a self-financing, quality conscious and trend setting Institute with focus on providing equal opportunities for development of human potentials for every segment of society including the differentiated one. The TJS is a venture of its own kind where academics and professionals have joined hands to aid and direct the agenda of education. The Institute, situated in the heart of Peruvoyal is spread over about 8 acres of land and has best of Infrastructure and academic facilities with highly qualified and experienced staff and state of the art computer labs. The Institute has been established through the dedicated and selfless Endeavour's of educationists and social workers who are deeply concerned with the standards of education and are determined to upgrade the quality, content and direction of education. TJS has an Intellectual capital comprising of 50 faculty members dedicated to facilitate acquisition of conceptual understanding, skills and requisite behavioral qualities to groom students into tomorrow's Global Professionals. In terms of placement, TJS boasts of not only a steady stream of campus recruiters but we have also assurances for future tie-ups and recruitment opportunities for our students.

Provide the weblink of the institution

http://tjsec.in/

8.Future Plans of Actions for Next Academic Year

As part of continuous improvement, we have planned to make the Academic Calendar activity-oriented. Guest lectures, 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 organized

like donation camps, blood donations, plantation drives, and environment awareness events through NCC, NSS, YRC and Red Cross etc. We at TJS Engineering College are initiating next generation educational atmosphere for our students through the following activities. INSTITUTIONS INNOVATION CELL CONFEDERATION OF INDIAN INDUSTRY: 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. Hence we at TJS have planned to apply for IIC in the upcoming academic year. 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 streams of engineering. Hence we at TJS have planned to make the CII survey in the upcoming academic year. ENTREPRENEURSHIP DEVELOPMENT CELL: A well established center for entrepreneurship in the institution is expected to create many start ups and innovative entrepreneurs in collaboration with IIC and CII. The amount of activities and its caliber shall be increased exponentially in the upcoming year.