



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		S J C INSTITUTE OF TECHNOLOGY
Name of the head of the Institution		Dr. K M RAVIKUMAR
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08156263181
Mobile no.		9880373629
Registered Email		principal@sjcit.ac.in
Alternate Email		sjcit1@rediffmail.com
Address		Post Box No:20, B B Road
City/Town		Chickaballapur
State/UT		Karnataka
Pincode		562101
2. Institutional Status		

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	Prof. Satheesh Chandra Reddy S
Phone no/Alternate Phone no.	08156263182
Mobile no.	9844551494
Registered Email	iqac.sjcit@gmail.com
Alternate Email	ramtok@gmail.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://sjcit.ac.in/dept-pdf-files/college-pdf/AQAR%20final%2017-18.pdf
4. Whether Academic Calendar prepared during the year	No

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	B++	2.80	2017	30-Oct-2017	29-Oct-2022

6. Date of Establishment of IQAC	16-Nov-2017
---	-------------

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
FIVE DAYS WORKSHOP ON NBA AWARENESS	16-Jan-2019 5	88
View File		

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
SJCIT/Mechanics/Dr. Thyagaraj N R	FDP	TEQIP	2019 5	300000
No Files Uploaded !!!				

9. Whether composition of IQAC as per latest NAAC guidelines:	No
--	----

Upload latest notification of formation of IQAC	No Files Uploaded !!!
---	-----------------------

10. Number of IQAC meetings held during the year :	6
---	---

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	No
--	----

Upload the minutes of meeting and action taken report	No Files Uploaded !!!
---	-----------------------

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)

• Audit to monitor and ensure the quality of student's activities, department activities and staff members for periodic assessment for performance of academic task timely, efficient and progressive performance of academic task. • Periodical meetings with staff members are initiated to formulate the plan of action. The implementation of action plans are reviewed in the subsequent meetings. • SJCIT IQAC strengthened the campus placement process through Memorandum of Understanding with various industries to build up the Industry Institute Interaction at various levels. • Periodical meetings with staff members are initiated to formulate the plan of action. The implementation of action plans are reviewed in the subsequent meetings. • Departmental IQA committees were initiated

No Files Uploaded !!!

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	Achievements/Outcomes
<ul style="list-style-type: none"> A common and specific format may be designed to collect the feedback from different sectors of Stakeholders associated with the institution. To conduct Internal Audit and Internal 	<ul style="list-style-type: none"> Measures were taken to frame a common template to acquire the feedback of ? Curriculum feedback ? Seminar Feedback ? Institutional Feedback ? Library Feedback Systematic examination of a

Academic Audit for all the departments and other Cells and Clubs for the effective functioning. • Research promotion in the Institute. • To increase the Number of PhD holders

quality system was carried out for all departments by an internal ? Encourage faculty to pursue research in basic and applied technology ? To publish in Journals of International Standards 3) Apply for Patents and IPR's • This initiative has increased the number of Ph.D holders in the Institution in the Academic year 201819

No Files Uploaded !!!

<p>14. Whether AQAR was placed before statutory body ?</p>	<p>No</p>
<p>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</p>	<p>No</p>
<p>16. Whether institutional data submitted to AISHE:</p>	<p>No</p>
<p>17. Does the Institution have Management Information System ?</p>	<p>Yes</p>
<p>If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)</p>	<p>1. Admission - Institute MIS admission modules helps in admission process of all UG and PG students of the institute are required to complete the admission formality by filling up online admission forms writing all the academic and other information on this forms. The module helps in collecting the information of this academic admissions program wise and also helps in making merit list as per the institute norms with this merit list the student are admitted strictly base on their based on merit marks. 2. Examinations - This module takes care of the exam activities in the form of appointment of invigilator, downloading and distribution of question papers, end semester marks and declaration of results using CGPA system and collection of exam fees. 3. Administration - The day to day data related to attendance of regular and temporary faculty is part of this module which also helps in monthly salary payment of all employee of the institute. Leave Management - Through this module all faculty members of the institute apply for different types of leaves and information goes for necessary approval of the same keeping</p>

record of total number of leaves consumed by the faculty throughout the year and the balance leave available with faculty. Faculty service records - This module keeps service record of all faculties. 4. Academic Activities - The information related to the students roll numbers their course details and their other information is part of this module. Time Table - Preparation and display of academic calendar and timetable. 5. Stores Management - This module helps in vendor registration, tender procedure used for procurement of consumables and equipments, the repair and maintenance of institute's infrastructure, receiving tenders, preparing comparative statements, preparing and placing orders and the necessary administrative approvals of the procurement. 6. Attendance - Institute have a student attendance module which helps in recording online attendance of all lectures and practical's conducted for UG and all PG programmes. This module determines the list of list who does not qualify minimum attendance requirement of the institute. 7. Accounts and Finance - Institutes accounts and finance is run with all its functions using accounts and finance modules .Fees Payment - Students through this module can pay their annual tuition fee and other fees using online mode.

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

? Establishing the Course Plan for every subject well before the commencement of each semester along with the course hand outs which are made available to all students on the start of the academic year ? Teacher's study materials [soft copy-power point/PDF presentation] are shared with students. ? Use of ICT in teaching learning process. ? 24x7 Wi-Fi enabled campus providing for technology access. ? Overhead projectors in every classroom ? Teaching faculty and students are encouraged to use latest technology such as LCD, internet, NPTEL videos etc., in the teaching learning process ? Faculty members have been permitted to undergo Faculty Development Program (FDP) for acquiring subject exposure; thereby the process of teaching-learning has been strengthened ? Refresher courses and bridge courses are conducted for first year and lateral entry students for the smooth academic transition towards Engineering pedagogy. ? Motivating faculty members for submitting their research proposals as major, minor research projects to various funding agencies and intramural research

fund by management. The theme of the proposal is also discussed with the students, thereby the learning ability of the students has been enriched towards research excellence

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
CATIA V5 Training	CATIA V5 Training	03/03/2018	60	Employability	Modern Tool Usage

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	Aerospace Engineering	30/04/2019
No file uploaded.		

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	Aerospace Engineering	30/04/2019

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

	Certificate	Diploma Course
Number of Students	Nil	Nil

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
CATIA V5 Training	03/03/2018	60
No file uploaded.		

1.3.2 – Field Projects / Internships undertaken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Aeronautical Engineering	28
BE	Civil Engineering	114
BE	Computer Science Engineering	106
BE	Information Science Engineering	107
BE	Mechanical Engineering	118
BE	Mechanical Engineering	99
No file uploaded.		

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

Effectiveness of this process is analyzed via feedback from students once in one semester. First feedback is taken 1 month after commencement of semester and the feedback was analyzed, discussed during the faculty meeting and corrective action are decided and implemented. This helps the current students taking the course. Second feedback is taken at the end of the course wherein feedback is sought on course outcomes, coverage of relevant topic beyond syllabus, laboratory experiences and student centric efforts along with seeking their suggestions for improvement of the course, content and delivery. The analysis of students feedback and faculty self appraisal is done by program me assessment committee with recommendations of corrective actions if necessary At the end of the semester, all the students are required to fill an online feedbackform appraising the teaching of faculty. • Lecture classes are monitored by senior Professors and Head of the Department. They give constructive comments to improve the teaching learning process. This motivates them to improve their skills and abilities. • Training / orientation programs are conducted by professional experts to improve the skills of the faculty members

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	AEROSPACE ENGINEERING	60	34	29
View File				

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	2520	169	174	18	192

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-	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used

	Resources)				
144	140	10	44	4	3
No file uploaded.					
No file uploaded.					

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

Effective mentoring is important to all persons pursuing an advanced degree in engineering, and especially to those beginning academic careers. This is especially true in academia, where an applicant's graduate institution and adviser are often enough to secure serious consideration by a hiring committee. For example, Weak student support strategy: Teachers attempt to enhance the performance of weak student with the following steps: ? Regular counseling and providing moral support to them by mentoring. For each teacher around 20 students are allotted for the process. ? Constant monitoring of their performance in internal assessments. ? Extra classes (remedial classes) arranged for backlog subjects. ? Encouraging them for regular attendance. Bright student support strategy: Faculty members make efforts for boosting up the performance of bright students by Encouraging them to score good percentile in the examination with the help of assignments. ? Encouraging them to participate in seminars/conferences conducted in different institutes and organization. ? Encouraging them to participate in state and national levels quiz and debate competitions. ? Students are encouraged to publish papers in various journals, both national and international. ? Encouraging them to guide their weak classmates. Teaching others to make them more perfect.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2520	169	1:15

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
Nil	Nil	Nil	Nil	28

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	Dr. K M Ravikumar	Principal	IEEE
View File			

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	BE	8/4	08/07/2019	26/08/2019
No file uploaded.				

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

Internal Marks and project work are the internal modes of assessment. The college being affiliated to Visvesvaraya Technological University. The College adheres to the syllabus prescribed by the University. An academic calendar

clearly specifying the date/time of various academic events to take place during the academic session should be notified prior to the commencement of the academic session. Semester examinations are held as per University examination schedule at the semester end. The continuous Internal Evaluation is done over a semester. Three Internal Tests will be conducted to all the semester students and best average of two is considered for evaluation purpose. For each internal tutorial will be provided by each faculty before one week from the date of internal. The faculties are informed to cover the syllabus for the three internals. The faculties who handle critical subject those faculties can give extra internals test. For effective implementation of Continuous Internal Evaluation (CIE) system at the institutional level, the institute conducts three unit tests (best of Two is considered) The answer scripts are given back to the students after evaluation for their information, providing sufficient transparency and accountability. It also promotes the student to participate in mini project demonstration, model exhibition, programming skill competitions, mega projects, technical paper presentation, workshop, and seminar. CIE Components also includes MCQs, Quiz competition, home assignments, Lab Exercises and Practical. The college encourages and guides students to participate in national level competitions organized by other Colleges and Universities. Students are encouraged to get involved in industry sponsored projects as a part of their curriculum in final year The college gives facility to participate in competitive examinations and higher studies. Industrial visits are arranged for the students and students submit the report. The participation and performance of students in sports, NSS, NCC and other extracurricular and cultural activities. The feedback system is provided to the students for giving the feedback on all fronts The institute communicates progress report of their ward to the parents. It organizes parents and guardians meeting to have a communication twice in year. By giving home assignment, tutorials, problems and taking follow up, help the student to explore various learning resources like the Internet and libraries etc. which will enable to develop self study, analytical and reasoning capabilities. Students are encouraged to see video lectures ebooks, models and charts.

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

The academic calendar is prepared as per the VTU guidelines from first to last working day. Public holidays have been taken into account. The calendar of events will be prepared by academic in charge and will be approved by Head of the Institution. The calendar of events contains dates of holidays, meetings, class teacher meeting, Internals, Announcement of marks, commencement of classes, end of classes, commencement of theory examination, end of theory examination and finally commencement of next semester It includes all the academic details which enhance the quality of education by following stringently and effectively. The calendar of events will be given to the faculties 10 days before the commencement of semester classes which helps the faculties to prepare lesson plan efficiently. There are few colors in the academic calendar which are represents as follows. TestDark blue, Tutorial light blue Commencement and Last working days Orange, HolidaysRed and MeetingsGreen

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://www.sjcit.ac.in/aer.html>

2.6.2 – Pass percentage of students

Programme	Programme	Programme	Number of	Number of	Pass Percentage
-----------	-----------	-----------	-----------	-----------	-----------------

Code	Name	Specialization	students appeared in the final year examination	students passed in final year examination	
BE	BE	Aeronautical Engineering	42	41	97.62
BE	BE	Computer Science Engineering	107	106	99
BE	BE	Civil Engineering	114	97	85.08
BE	BE	Information Science & Engineering	107	107	100
BE	BE	Electronics & communication Engineering	98	98	100
BE	BE	Mechanical Engineering	108	108	100
No file uploaded.					

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)

<https://drive.google.com/file/d/1CuOMB2CTOqxuy1h72002D2D9qbS6ebMk/view?ts=5e6b2e1a>

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
Minor Projects	365	KSTA	150000	75000
View File				

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
Processing and Characterization of Metal Matrix Composites	Mechanical Engineering	15/07/2019
Methods of Computational Fluid Flows - An Industrial Approach	Mechanical Engineering	28/01/2019

Selection of Projects And Writing Proposals	Computer Science Engineering	09/08/2018
---	------------------------------	------------

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
POORNI	MANJUNATH S	VTU	03/08/2018	Project Exhibition
View File				

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
SJCIT-NAIN	New age Incubation Network (NAIN)	NEW AGE INCUBATION NETWORK (NAIN)	NEW AGE INCUBATION NETWORK (NAIN)	Department of IT, BT and ST Government of Karnataka	12/02/2018
No file uploaded.					

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
Computer Science Engineering	1
Mechanical Engineering	3

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	Pre-Engineering	11	5.96
View File			

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
Mechanical Engineering	7
No file uploaded.	

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
''Change in Semigraph	Hanumesh a.A G	International Journal Of	2019	5.96	ISSN: 2277-3878, volume-8,i	1

energy due to edge deletion and its relation and its relation with distance energy		Recent Technology And Engineering			ssue-2S10	
--	--	-----------------------------------	--	--	-----------	--

[View File](#)

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
"Physical and Mechanical Behaviour of Sida Acuta Fibre Reinforced Epoxy Composite at Different Fibre Loading	1. Dr. Chandra Mohan. H. K	The Indian Institute of Metals – IIM 2018 - Springer	2018	1	8	Springer

No file uploaded.

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	1	18	37	23
Presented papers	55	2	7	Nil
Resource persons	Nil	Nil	1	Nil

No file uploaded.

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
National Unity day	NCC	2	30

[View File](#)

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
Conference	Best paper	International Journal of Scientific Research Development	1
No file uploaded.			

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 activities	Number of students participated in such activities
NSS Day celebration	NSS	NSS Day celebration	1	40
View File				

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
NAIN	18	GOVT ORGANIZATION	2
No file uploaded.			

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
Institution - Industry for Internship	Internship	Helicopter Division, HAL, Bengaluru	17/01/2019	15/02/2019	4
View File					

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
"Nervio- Cloud Systems Pvt. Ltd" For setting up a private cloud	27/03/2018	setting up a private cloud	60
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
48989610	19316684

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
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
No file uploaded.	

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 partially)	Version	Year of automation
LIBSUIT	Fully	2	2019

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Journals	189	18900	228	22800	417	41700
View File						

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
Subba Reddy D N	1	Youtube	20/01/2018
No file uploaded.			

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	947	19	300	2	1	16	9	100	0
Added	0	0	0	0	0	0	1	0	0
Total	947	19	300	2	1	16	10	100	0

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

110 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
Ferrous and Non ferrous materials	https://www.youtube.com/watch?v=D2npWN1Sqs8
SJCIT INSTITUTIONAL REPOSITORY	https://sjcnotes.github.io/dept.html

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 incurred on maintenance of physical facilities
41900792	25762865	48989610	19316684

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)

Annual maintenance and repair of the infrastructure is taken care by the college in a systematic manner. The repair and calibration of laboratory equipment is maintained by lab In charges and Lab Technicians. The equipment is calibrated by faculty member themselves and at the other times services providers are Consulted.

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	nil	0	0
Financial Support from Other Sources			
a) National	District Backward Classes, Chickballapur (OBC Below 1 Lakh Income)/DTE SCST	1834	3947155
b) International	nil	Nil	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 implementation	Number of students enrolled	Agencies involved
Soft skill Development	02/09/2019	750	M/s ZESTECH
View File			

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 passed in the comp. exam	Number of students placed
2018	Soft Skill Development	250	600	84	54
No file uploaded.					

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
7	6	90

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
TATA CONSULTANCY	106	54	Sonuvision Aetos Technical Services	2	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	Department graduated from	Name of institution joined	Name of programme admitted to
2018	8	BE	MECHANICAL ENGINEERING	RVCE BANGALORE	MTECH
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
GATE	Nil
GRE	Nil

Civil Services	Nil
No file uploaded.	

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

Activity	Level	Number of Participants
kabaddi	south zone inters university kabaddi (women) tournament Bengaluru north zone	12
View File		

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
2018	1 Gold Medals	National	3	Nil	1SJ16EC057	MAHALKSH MI.C.N
View File						

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

? Active participation and contribution by alumni. ? An alumni meeting is conducted every year. ? They regularly interact with the students to create corporate awareness. ? Guest Lecture is conducted through alumni. ? Department wise meeting is also held at least once in a year. ? Assist the college in getting placement for the current students. ? Member of various bodies/committees of the college and contribute to Curriculum revision, Program Outcome revision etc.,

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

? Active participation and contribution by alumni. ? An alumni meeting is conducted every year. ? They regularly interact with the students to create corporate awareness. ? Guest Lecture is conducted through alumni. ? Department wise meeting is also held at least once in a year. ? Assist the college in getting placement for the current students. ? Member of various bodies/committees of the college and contribute to Curriculum revision, Program Outcome revision etc.,

5.4.2 – No. of enrolled Alumni:

209

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

An alumni meeting is conducted every year.

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)

Vision: SJCIT is committed to Quality Education, Training and Research.
Mission: M1: Augmenting the supply of competent Engineers and Managers. M2: Building Engineers and Managers with value, Vision and Versatility. M3: Developing and Dissemination of new Knowledge and Insights.

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
Examination and Evaluation	Development and Application Quality Benchmarks/Parameters for the various academic and administrative activities of the institution. ? Dissemination of information on the various quality parameters of higher education. ? Organization of workshops, seminars, and quality related themes and promotions of quality circles. Documentation of the various programs / activities leading to quality improvement. ? Acting as a nodal agency of the institution for quality related activities. ? Preparation of the annual quality assurance report (AQAR) to be submitted to NAAC based on the quality parameters.
Library, ICT and Physical Infrastructure / Instrumentation	Computerization of the SJCIT Library Information Centre ? SJCIT Library Information centre automated its housekeeping operations by using ? LIBSUIT: integrated Library automation software developed by SOFTAID Computers PVT LTD, Pune. ? Library created its resources Database and provided Online Public Access ? Catalogue (OPAC) through which users can be accessed from any of the computer, Connected in the LAN to know available resources and the status of the book. ? Central Library is subscribing online ebooks and ejournals databases as per the requirement of the institute and also VTU. (IP based access) ? This facility enables the staff and students to access elearning resources such as NPTEL Lectures, MIT Lectures etc.. SJCIT Library Information centre is part of Resources sharing Networks such as DELNET, (Developing Library Network) NDL (National Digital Library) etc.

<p>Research and Development</p>	<p>Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution The IQAC in coordination with DeanRD conducts meetings for sensitizing and promoting research climate in the Campus. The IQAC through Research, development and Consultancy Centre has sensitized the faculty to obtain research grants for quality research and publishing research findings in peer reviewed and high impact fact journals.</p>
<p>Teaching and Learning</p>	<p>For first year students Induction program 21 days will be conducted as per AICTE nouns. ? Refresher courses and bridge courses are conducted for first year and lateral entry students for the smooth academic transition towards Engineering pedagogy. ? Establishing the Course Plan for every subject well before the commencement of each semester along with the course hand outs which are made available to all students on the start of the academic year ? Teacher's study materials [soft copy power point/PDF presentation] are shared with students. ? Use of ICT in teaching learning process. ? 24X7 WiFi enabled campus providing for technology access. ? Overhead projectors in every classroom Teaching faculty and students are encouraged to use latest technology such as LCD, internet, NPTEL videos etc., in the teaching learning process ? Faculty members have been permitted to undergo Faculty Development Program (FDP) for acquiring subject exposure thereby the process of teaching learning has been strengthened.</p>

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

E-governance area	Details
<p>Administration</p>	<p>All computers in the campus are connected to Internet. ? Antivirus software and Microsoft Licensed Software under Campus Agreement have been procured and supplied to departments of the College for installation in all desktop computers/ laptops purchased.</p>
<p>Student Admission and Support</p>	<p>Student orientation program is conducted at the beginning of every academic year. The program disseminates information on the various Student Support Services available in the</p>

college. ? The above information is also published in the college website and prospectus and notified to the students via notice boards and intranet also. ? Student grievance alleviation mechanisms like Anti Ragging Committee, SC/ST Standing Committee are established in the college to support the students. ? Class committee meetings are conducted regularly to address the academic or other classroom activities of the students. ? Alumni meetings are conducted to guide the students in getting placed in top notch companies. ? Parents meetings are conducted by each department to get feedback from the parents. ? Lecture capturing service is enabled to capture the lecture in the classrooms and students are benefitted by retrieving the same.

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
2019	Dr. Siddegowda	Road safety and measures	SJCIT	30000
No file uploaded.				

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)
2019	Methods of Computation in Fluid Flows-An Industrial Approach	NIL	28/01/2019	01/02/2019	18	Nil
2019	Computer network using network simulators	NIL	20/05/2019	24/05/2019	34	Nil
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
Methods of Computation in Fluid Flows-An Industrial Approach	11	28/01/2019	01/02/2019	5
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
191	192	177	214

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Society Loan, PF, gratuity	ESI, PF, Group insurance	Medical Insurance

6.4 – Financial Management and Resource Mobilization

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

Internal Financial Audits The internal audit will be done every month by Sri Adichunchanagiri Shikshana Trust authorized auditors as per rule. External Financial Audits Financial Year Auditor 20182019 J. Manjunatha Co.

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
VTU TEQIP CELL	300000	FDP
No file uploaded.		

6.4.3 – Total corpus fund generated

26636931

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	LIC	Yes	ISO
Administrative	Yes	LIC	Yes	ISO

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

1) Student Support System 2) Parents meeting 3) Parent Teacher Association

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

1) Technical workshop to conduct lab as and when the syllabus changes 2) Refresher course on usage of software tools 3) Personality development program

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

1) Revised set of HR Policies for sourcing, recruitment, maintenance and retention. 2) Renovation and addition of physical and IT infrastructure, modernization of existing laboratories and establishing new laboratories in line with industry's requirements, establishment of centres of excellence (research laboratories) to provide a platform for research for both students and faculty. 3) Motivating and supporting entrepreneurial drive amongst students by establishing ABiC (Atria Business incubation Centre). 4) Working towards accreditation by NBA by reinforcing OBE system faculty are encouraged to innovatively improve the processes including evaluation processes to achieve attainment higher levels of course outcomes

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Yes
d) NBA or any other quality audit	Yes

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
2019	NBA Awareness	16/01/2019	16/01/2019	21/01/2019	54
No file uploaded.					

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
Womens Day	08/03/2019	08/03/2019	450	127

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

Solar Energy: As a green campus initiative to conserve the electric power in the campus, the institute has commissioned approximately 25460 KW for roof top solar PV plant in block IT and Academic block. Approximately 393 units of power is generated per month which is the saving in consumption of electric power.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	5
Rest Rooms	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	09/08/2019	1	Swacchta Pakhwada	Clean Environment	40
2019	1	1	05/09/2019	1	Green Drive (Tree plantation) on Engineers day	Plantation	30
2019	1	1	26/08/2019	1	Outreach program at old age home for health check up of residents	Old age health check up	60
2019	1	1	21/09/2019	2	NSS Volunteers will involve in the Abhiyana of Save the Government School	Save the Government School	40
No file uploaded.							

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 Diary 2018-19 for all students	13/08/2018	A code of conduct for students is illustrated in the Academic Diary

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Independence day	15/08/2018	15/08/2018	153
Karnataka Rajyotsava	01/11/2018	01/11/2018	110
Republic day	26/01/2019	26/01/2019	123
Womens day	08/03/2019	08/03/2019	342

International Workers day	01/05/2019	01/05/2019	115
Yoga day	17/06/2019	21/06/2019	90
No file uploaded.			

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

Swacch Campus Activities Plastic free campus

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

7.2 Best Practices Describe at least two institutional best practices 1. Improving Teaching and Learning Process 2. Promotion of Research Innovations introduced during this academic year which have created a positive impact on the Functioning of the institution. Give details. ? Digitization ? Efile system ? Programs conducted based on Industry expectations which create significant improvements in students skill set that facilitate good placement. ? Induction program for first years students BEST PRACTICE 1: In a concrete attempt to make the campus relevant to the needs of the community and with a view to developing healthy contacts between the students and teachers [on a voluntary basis] on one hand and establishing a constructive linkage between the campus and the community on the other hand, the Institution has established a NSS [National Service Scheme] Unit. The Unit conducts regular NSS activities and special camping programmes. The Institution has been conducting various Community service programmes like Blood Donation Camps/Awareness programmes and activities from time to time thereby discharging its societal Commitment. Sl. No Event Description Date 1. Independence Day celebration 15082017 2. NSS orientation Programme 04102017 3. NSS Day celebration 04102017 4. Awareness rally on say no to crackers and yes to life 17102017 5. Blood Donation Camp 26/102017 6. vigilance awareness week 2017 04/11/2017 7. International women's week 2018 08032018 8. Blood Donation Camp 27032018 9. Free health check up camp 23042018 10. Tree plantation program 05062018 11. Independence Day celebration 15082018 12. NSS Special camp 15/08/2018 21/08/2018 13. NSS orientation Programme 04102018 14. NSS Day celebration 04102018 15. Awareness rally on say no to crackers and yes to life 17102018 16. vigilance awareness week 2018 03/11/2018 17. International women's week 2019 08032019 18. Blood Donation Camp 27032019 19. Free health check up camp 23042019 20. Free Health Camp for Drivers 15/05/2019 21. Tree plantation program 05062019 22. International Yoga day 2019 21/06/2019 23. Plastic Awareness at adopted Villages 28/07/2019 24. Village and House hold Survey 28/07/2019

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

https://drive.google.com/drive/folders/1lexvJoXNCo4J3_SMPZjhN6mtbPyWd9ex

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

7.2 Provide the Action Taken Report (ATR) based on IQAC planned the objectives for current year (201819) and its progress was monitored through action taken report monthly from all concerned persons. In its meeting these action taken reports were discussed and correction was done appropriately whenever it was required

Provide the weblink of the institution

https://drive.google.com/drive/folders/1lexvJoXNCo4J3_SMPZjhN6mtbPyWd9ex

8.Future Plans of Actions for Next Academic Year

1. Introduction of New UG courses. 2. To apply for NBA (CED, AE, ISE) 3. Enhancing academic excellence. 4. To improve the placements. 5. To apply for NIRF. 6. Enhancing social compatibility of the students by giving better opportunity of social interaction through activites of NSS and NCC. 7. To keep up the standards of the Institution which can be the reason for achieving A grade by NAAC.