



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

SHROFF S R ROTARY INSTITUTE OF CHEMICAL TECHNOLOGY

SHROFF S R ROTARY INSTITUTE OF CHEMICAL TECHNOLOGY BLOCK NO.
402, AT VATARIA, ANKLESHWAR VALIA ROAD DIST. BHARUCH

393135

www.sriect.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Shroff S.R. Rotary Institute of Chemical Technology (SRICT) is established with the primary aim to provide readymade technocrats to the chemical industries and education & helping to under privileged and tribal students. SRICT always looks to work with industry partners in stimulating cohesion, entrepreneurship, economic development and involvement in neighbourhood renewal and regeneration within community of Chemical industries at and nearby Ankleshwar. SRICT is supported by UPL limited and managed by Ankleshwar Rotary Education Society (ARES). ARES is registered under Bombay Public Trust Act 1950 as well as Society Registration Act 1860. The basic academic philosophy of the SRICT is to focus on Chemical Engineering, Technology and other allied interdisciplinary areas to create skilled man-power to the surrounding industries to strengthen Gujarat as well as the nation.

SRICT is located at Vataria, Dist: Bharuch amidst a dense conglomeration of industries; 15 km from Ankleshwar Railway station on Valia road. A land of 25 acres has been developed into a beautiful campus with the construction of several academic complexes, workshop, R & D labs, rich library, administrative building, canteen, play grounds, hostels and several lush green lawns and well maintained gardens.

SRICT is approved by AICTE, New Delhi and affiliated with Gujarat Technical University (GTU) and running B.E. courses like Chemical Engineering, Chemical Technology, Environmental Science & Technology, Mechanical Engineering and Electrical Engineering since 2011/2012. The course B.E. Environmental Science & Technology is different from traditional course like Environmental Engineering. The B.E. Chemical Technology course with electives of Dyes & Pigments Technology, Pharmaceutical Technology, Polymer & Rubber Technology and Glass & Ceramic Technology is also unique in nature. Since the year 2015, SRICT is conducting the full time Master's degree Program in Chemical Engineering and Mechanical Engineering (Thermal).

Vision

To strive to be a world-class institute to impart knowledge, quality technical education and develop leaders, required by chemical and allied industries

Mission

1. To develop high quality technical education and personnel with sound footing on basic engineering principles.
2. To impart practical and scientific education for sustained development of students, faculty, staff and local as well as global industry.
3. To provide transparent and good governance along with accountability in all respects.

4. To impart high quality flexible training by benchmarking world class institutes, to meet future demands of society and industry.
5. To develop diverse curricula and training programs so as to offer wide choice to students to take up career in industries, service organizations and consultancy services.
6. To give practical knowledge to students through interaction with industry.
7. To develop future leaders.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. Supportive, committed and visionary leadership to excel in academics and administration through participative and transparent management.
2. Qualified, experienced faculty and supporting staff.
3. Outcome based teaching-learning processes utilizing well equipped laboratories, ICT enabled class rooms and other physical resources.
4. Disciplined and cultured technocrats as recognized by many guests and recruiters.
5. Focused Institute approach for overall development of students through co-curricular & extra-curricular activities and soft-skill training programs.
6. Eco-friendly, clean and green campus conducive for education.
7. Support and encouragement to students for entrepreneurial activities.
8. Financial support and scholarships to the economically poor students.
9. AEGIS- mentoring system for personal attention and to keep track of students' progress.
10. Experiential and participative learning of students through exposure of Industrial visits, Expert lectures and peer learning initiatives.
11. Program specific Value Addition Programs to meet the current needs of the industries.
12. Active Alumni Cell to ensure regular interaction of Alumni with the Institution.
13. Empowerment of girl students by giving them equal opportunities in every activity.
14. Promoting students to participate in techno-social activities.
15. Motivation and financial support for staff members to acquire higher qualifications and to participate in workshops / conferences.
16. Hostel and Transport facilities for the students and the staff.

17. Incentive Scheme for faculty & students for the academic & research achievements
18. Industry Association for beyond the syllabus learning through 3 industry visits & 4 expert lectures per semester, internship at the end of 6th semester and MoUs with local industries.
19. Active SSIP Cell for grooming students and entrepreneurs for developing employment and start up opportunities.
20. 5 S training to students to increase their employability.

Institutional Weakness

1. Less flexibility in designing and revising course curriculum due to affiliated status of the institute.
2. Less research funding from Government and non-Government agencies.
3. All departments need to become NBA Accredited.
4. Challenges to cater to huge number of Socio Economic diverse students

Institutional Opportunity

1. Internal revenue generation through consultancy projects, training and testing facilities.
2. Involvement of alumni for betterment of academic & placement activities.
3. Strengthening more educational and research collaborations with reputed institutes and industries.
4. An opportunity for conducting research related to problems faced by farmers and rural society.
5. Strengthening IPR activities and filing patents on innovative projects of the faculty and students.
6. Faculty and students exchange programmes with the reputed Universities and Institutes across the globe

Institutional Challenge

1. To safeguard admissions and to sustain the financial stability of the institute due to decline in overall admissions in the engineering sector.
2. Attracting core and multi-national companies (MNCs) for student internships and placements.
3. Imparting good communication skills to students who are mostly from rural and semi urban background.
4. Challenging to integrate the rapidly changing technology in the curriculum due to affiliated status of the institution.
5. To meet the ambitions of stakeholders and potential employers due to the gap in conventional university curriculum and growing industrial needs.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Shroff S R Rotary Institute of Chemical Technology (SRICT) Vataria, is an engineering institute currently affiliated to Gujarat Technological University (GTU) Ahmedabad, follows the curriculum designed by the

university. The GTU provides the academic calendar. Based on the GTU academic calendar, institute prepares the academic calendar which provides all detail about curricular, co-curricular and extra-curricular activities. The department allocates subjects to faculty members and prepares time table. The teachers prepare the teaching materials and deliver content through various course delivery methods like lectures, classroom presentations, tutorials, lab experiment work, simulation and experimental exercise, NPTEL videos. Peer Learning Initiative (PLI), Industrial Visit, Expert Lecture, Summer training, Virtual labs, Case studies etc. methods are also used by institute for knowledge enhancement of students and to cope up with curriculum gap if any and for meeting proper COs and POs keeping in mind the mission and vision of institute. The implementation of academic calendar and proper delivery of the curriculum is regularly monitored by HODs and higher authorities. Internal assessment of all students is performed by Mid Semester Examination (MSE), Active Learning Assessment (ALA), End semester submission with viva conduction and practical performance as per university guidelines. Academic external audit is conducted by university which ensures the quality of the curriculum delivery, projects, practical, assignment and continuous assessments. Students' attendance is also monitored by course coordinators, mentors and also informed to their parents through SMS & monthly report card and weekly reported to higher authorities for correctives actions if needed. The academic flexibility is provided to students by offering various elective courses by all departments as per university guidelines. More than that for all round development of students and faculties, institute allows students and faculties to attend different conferences, seminars, workshops and many such events whenever and wherever required. Students feedback related to teaching learning process and other issues like infrastructure facilities, laboratories, library, academic and extracurricular activities is taken regularly during each semester. A proper record of collected feedback is maintained and analyzed further for necessary actions and also reported to higher authorities.

Teaching-learning and Evaluation

This sub-criterion mainly deals with teaching-learning process and evaluation. Institute is affiliated with Gujarat Technical University (GTU). For admission, we followed rules and regulations of ACPC i.e. Admission Committee for Professional Courses. (ACPC), set up by Gujarat Technical University and Gujarat State Government. The students are admitted from all corners of state as well as from other states. The learning levels of the students are assessed regularly and corrective actions are taken. To enhance the teaching learning experience, student centric approach in teaching learning process is adopted which includes methods such as experimental learning, participative learning and problem solving methodologies. Maximum use of ICT, utilization of resources like NPTEL, YouTube and slide-share is promoted by the institute to have teaching learning more effective. Institute is always keen about providing required training and resources to the faculty members. Institute is committed to provide quality education to students, has sufficient number of well qualified, competent, teachers. The recruitment process of the staff is done as per AICTE norms and is very transparent and unbiased without having any discrimination on the basis of region, caste, religion and creed. Grievances are addressed by well-defined procedure.

Outcomes of teaching learning process are evaluated on the basis of overall performance and skills acquired. The evaluations and stake holders' feedbacks are analysed and reviewed for further planning and execution.

Research, Innovations and Extension

Now a days the outside world is becoming competitive day by day and the activities organized by the institute or aligned to help faculty and students to equip themselves to face the challenges. The institute encourages the

faculty members and students for research and innovation by means of publishing papers, guiding students for research work, organizing workshops related to IPR, practical exposure by arranging implant training for faculty and students and signing MOUs with various research & academic institutes globally.

The Following details of research, innovation and extension activities were carried by the institute in last five years:

- In last five year institute have received grants of 15.76 lakhs from various govt. bodies.
- Total 6 faculty members are recognized as a research guide by various universities.
- The incubation center, ENVISAGE, at SRICT is accepted as a nodal institute under Startups/Innovation scheme.
- More than 40 workshop/seminars organized on intellectual property rights (IPR) and entrepreneurship skill development.
- Total 34 number of research papers published in reputed journals.
- Total 50 numbers of Book chapters/Conference papers published by the institutions.
- Student and faculty members of Rotaract Club, Rotary-e-Club, Nature Club, and Kalam Centre Gujarat of our College are actively involved in the extension activities of the neighbourhood community.
- 1257 Number of Collaborative activities for research, faculty exchange, student exchange/ internship conducted in last five years.
- The institute has total 9 functional MOUs.

Infrastructure and Learning Resources

Infrastructure and Learning Resources The state-of-the-art infrastructure augments learning which significant concern of the institution. Each academic block has well ventilated, spacious classrooms, tutorial room's laboratories catering to the complete GTU syllabus and beyond, staff rooms, rest rooms, etc. to meet all the curriculum, staff and student requirements. The infrastructural facilities are augmented in-line with the increased demand. The vibrant environment coupled with the clean-Green campus ensures the all-round development of the students. The infrastructure also boasts of extensive sports facilities and well equipped gymnasium caters to the complete range of the students' sports requirements. Our students also have won many prizes in inter-collegiate and state level competitions. Our central library is well equipped with modern facilities including wi-fi technology and CCTV. The library at SRICT with two separate sections efficiently facilitates the reference needs (with browsing facility, newspapers section, CD section, reference text books and sufficient seating) and book issuing process (ICT enabled). Our library also has tie-up with SRICT e-consortium and an institutional repository of NPTEL Video Lectures, Previous year question papers, project reports, manuals, etc. catering to different needs of the students and staff.

Student Support and Progression

SRICT has well established student support system for overall grooming of students which includes financial support, capability enhancement/development, progression, alumni engagement. etc. SRICT management felicitate meritorious students by cash prize based on their end semester results. Also provide financial help to economically weaker student's in terms of various scholarships.

Students have been informed about various government/SRICT scholarships. SRICT has a well structured, organised system to provide support to students for soft/social skill development, career counselling for higher

education, guidance for competitive exams, placements and entrepreneurship through:

- English Proficiency Course (EPC)
- Peer Learning Initiative (PLI)
- Personality Skill Development (PSD)
- Blood donation, Thalessemia check up
- Virtual Labs (VLabs)
- GATE coaching classes
- Mock Interview/Written Test/Group Discussion
- Vocational Training

Students have been supported through Bridge Courses/Induction programme, Expert Lecture, Industrial Visit, Extra classes for weaker students and mentoring system for better academic enhancement.

Student grievances have been addressed at various levels both in person and through complaint by committee members, helping in resolving the students' issues.

Training and Placement cell maintains strong relationship with industries and support students in placement. Progression of students for higher education, placement and going for family business or starting their own venture is analysed annually.

Students have been involved as a key active committee members of annual events like Cultural Fest (REVA FEST), Technical Fest (TECHNOVATION) and Sports (WINSTICT). They have been also encouraged to participate in intra and inter-institutional sports competitions and cultural activities organised at state/National level.

SRICT regularly engages with its alumni through alumni meets named 'SETU'.

Governance, Leadership and Management

The main focus of Criterion VI is on the Governance, Leadership and Management of Shroff SR Rotary Institute of Chemical Technology (SRICT). It is believed that the governance of institution is insightful of an effective leadership in tune with vision and mission of the institute.

The smooth and effective functioning of an institution can be assessed by the policies, standard operating procedures rules and regulations and practices, it has developed in the matter of planning human resources, recruitment, training, performance appraisal, financial management and the overall role of leadership. The only way to achieve vision, mission and goals of the institution is an effective leadership by setting values and participative decision- making process.

However, SRICT has the formal and informal arrangements in the institution to co-ordinate the academic and administrative planning and implementation. It reflects the institution's efforts in achieving its vision. The transparent functions of the SRICT governs its academic and administrative units. Formulation of development objectives, directives and guidelines with specific plans for implementation by aligning the academic and administrative aspects improves the overall quality of the institutional provisions.

The said criterion also deals with the process of planning and utilizing human resources including recruitment,

performance appraisal and planning Professional Development Programmes and seeking appropriate feedback, investigation and interpretation of responses. Efforts are made to upgrade the professional aptitude of the staff.

Financial Budget allocation and its optimum utilization as well as mobilization of resources are also the issues considered under this criterion. SRICT administration follows recognized standard operating procedures and processes for planning and allocation of financial resources. The institution has strategies for mobilizing resources and ensures transparency in financial management of the institution. The income and expenditure of the institution are subjected to regular internal and external audit.

The internal quality assurance systems are self-regulated responsibilities of the higher education institutions, aimed at continuous improvement of quality and achieving academic excellence. It adopts quality management strategies in all academic and administrative aspects.

Institutional Values and Best Practices

Institutional Values and Best Practices

The institution holds a set of values and a few best practices which show the institution's commitment towards the development of students and teachers with the society and nation at large.

Institutional Values

- Safety and Security for girls
- Solid waste, Food waste management and hazardous chemical waste management
- Rainwater harvesting
- Maintenance of water bodies and distribution in campus
- Bore well recharge
- Landscaping with trees and plants
- Differently able friendly campus
- Initiatives and efforts of the institute in providing an inclusive environment towards cultural, regional and communal socioeconomic
- College has a code of conduct book for teaching staff, non teaching staff and administrators.

Best Practices

- One to one meeting of students with chairman of Anklehwar Rotary Education Society for discussion of the academics and for the general feedback.
- To achieve total cleanliness and standardization of the organization, 5-S is implemented successfully. SRICT has been observing "5S Wednesdays" in institute to involve all the members of SRICT including students, staff, faculty, housekeeping staff, security staff etc.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	SHROFF S R ROTARY INSTITUTE OF CHEMICAL TECHNOLOGY
Address	Shroff S R Rotary Institute of Chemical Technology Block No. 402, At Vataria, Ankleshwar Valia Road Dist. Bharuch
City	Bharuch
State	Gujarat
Pin	393135
Website	www.sriect.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Shrikant J Wagh	02646-222849	9624946457	-	shrikant.wagh@sriect.in
IQAC / CIQA coordinator	Hemant Kumar Gupta	-9414324133	9414324133	-	hemant.gupta@sriect.in

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
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Date of establishment of the college	16-07-2011			
University to which the college is affiliated/ or which governs the college (if it is a constituent college)				
State	University name	Document		
Gujarat	Gujarat Technological University	View Document		
Details of UGC recognition				
Under Section	Date	View Document		
2f of UGC				
12B of UGC				
Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	29-04-2019	12	Extension of approval per year

Details of autonomy	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Shroff S R Rotary Institute of Chemical Technology Block No. 402, At Vataria, Ankleshwar Valia Road Dist. Bharuch	Rural	25	27168

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Chemical Engineering	48	Higher Secondary Certificate	English	60	60
UG	BE,Chemical Technology	48	Higher Secondary Certificate	English	60	23
UG	BE,Environmental Science And Technology	48	Higher secondary Certificate	English	60	48
UG	BE,Electrical Engineering	48	Higher Secondary Certificate	English	30	18
UG	BE,Mechanical Engineering	48	Higher Secondary Certificate	English	30	28
PG	ME,Chemical Engineering	24	Higher Secondary Certificate	English	18	5
PG	ME,Mechanical Engineering	24	Higher Secondary Certificate	English	18	0

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	6				10				51			
Recruited	5	1	0	6	3	1	0	4	37	14	0	51
Yet to Recruit	0				6				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				11
Recruited	8	3	0	11
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				21
Recruited	16	5	0	21
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	5	1	0	3	1	0	3	1	0	14
M.Phil.	0	0	0	0	0	0	0	1	0	1
PG	0	0	0	0	0	0	33	6	0	39

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	0	0	0	0	0	0	1
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	2	5	0	7

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female	Others	Total
		4	1	0	

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
PG	Male	3	0	0	0	3
	Female	2	0	0	0	2
	Others	0	0	0	0	0
UG	Male	168	2	0	0	170
	Female	29	0	0	0	29
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years						
Programme		Year 1	Year 2	Year 3	Year 4	
SC	Male	9	10	7	10	
	Female	2	1	0	0	
	Others	0	0	0	0	
ST	Male	5	3	5	3	
	Female	0	0	0	0	
	Others	0	0	0	0	
OBC	Male	38	40	37	54	
	Female	1	10	0	4	
	Others	0	0	0	0	
General	Male	101	121	192	177	
	Female	14	20	31	27	
	Others	0	0	0	0	
Others	Male	0	0	0	0	
	Female	0	0	0	0	
	Others	0	0	0	0	
Total		170	205	272	275	

Extended Profile

1 Program

1.1

Number of courses offered by the Institution across all programs during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
232	231	232	216	176
File Description		Document		
Institutional data prescribed format		View Document		

1.2

Number of programs offered year-wise for last five years

2018-19	2017-18	2016-17	2015-16	2014-15
7	7	7	7	5

2 Students

2.1

Number of students year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
818	956	1087	1126	1045
File Description		Document		
Institutional data in prescribed format		View Document		

2.2

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
100	125	110	115	115

File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of outgoing / final year students year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
274	312	309	258	167

File Description	Document
Institutional data in prescribed format	View Document

3 Teachers

3.1

Number of full time teachers year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
70	72	74	84	71

File Description	Document
Institutional data in prescribed format	View Document

3.2

Number of sanctioned posts year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
65	86	83	76	56

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

Total number of classrooms and seminar halls

Response: 28

4.2

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
537.93	477.16	403.91	318.50	282.60

4.3

Number of Computers

Response: 390

NAAC

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum delivery through a well planned and documented process

Response:

Shroff S R Rotary Institute of Chemical Technology, affiliated to Gujarat Technological University, follow the curriculum given by the university. The GTU provide the academic calendar. Based on the GTU academic calendar, institute prepares the academic calendar. The academic calendar provides all details about curricular, co-curricular and extra-curricular activities etc. The department allocates subjects to teachers and prepare time table. The teachers prepare the teaching materials and delivery content.

Various Course Delivery Methods are:

Lectures: Lectures are used to convey information, history, background, theories and equations of engineering practice. Lectures are also used to expose the students to contemporary issues and the need for life-long learning in the appropriate societal context.

Class presentations: Presentations are given to illustrate ideas and concepts in intricate graphical and animation form effectively communicate the working of actual engineering principles and their impact.

Tutorials: The tutorials help the students in developing better understanding of the subjects and clarifying their doubts that could not be taken up during lectures and problem solving abilities.

Lab experimental work: Laboratory work demonstrates how theory can be verified by experiments through interpretation of results.

Simulations and experimental exercises: Simulations are used to explain the concepts in a better way wherever applicable and also give the understanding of various parameters in the system in the form of virtual solutions.

Peers Learning Initiative (PLI): In this scheme senior class student having grade BB and above in particular subject delivers a lecture related to particular topic in presence of subject teacher and try to explain/clear concept by explaining it in a simple manner.

Industrial Visit: Industrial Visits (24 visit per course) provide the implementation of all concepts those they have learnt.

Expert Lecture: Expert lectures (32 lectures per course) provide the additional and real implemented knowledge regarding theoretical concept through sharing the experience by industrial experts.

Summer Training: Summer Industrial Training (4 week) provides real industrial exposure to all the students and bring awareness about working culture of industry and make them ready to work in

professional culture.

Virtual Labs

NPTEL Videos

Case Studies

Technology in Education

The quality of class room teaching is enhanced by giving faculty awareness about pedagogical teaching learning method, blooms taxonomy and Outcome Based Education (OBE) by various workshops and faculty development programs conducted in Institute. To name a few, NITTTR programme, ANODE etc. Also SRICT send faculties for different Short Term Training Programme at other institutes. Also SRICT encourage faculty members to undergo Industry Training to upgrade their knowledge.

During the course delivery, one internal test is conducted as per the academic calendar. The quality of the internal test is maintained through following process:

Central examination committee floats the time table, question paper format and other important information for Mid Semester Examination and according to this schedule all subject coordinators have to submit exam papers in sealed cover to central examination committee members. All papers are moderated by HOD and moderation certificates are submitted to department exam coordinator. Exam coordinator ensures smooth conduction of test.

File Description	Document
Upload Additional information	View Document
Link for Additional information	View Document

1.1.2 The institution adheres to the academic calendar including for the conduct of CIE

Response:

Shroff S R Rotary Institute of Chemical Technology (SRICT), affiliated to Gujarat Technological University (GTU), follow the curriculum given by the university. The GTU provide the academic calendar. Based on the GTU academic calendar, institute's academic calendar is prepared by academic calendar committee with considering all major events (Technical Festival, Cultural Festival, Sports Events, National Day Celebration, Refresher Course, Conference etc.) of different department. The academic calendar provides date of commencement of the academic session, duration of semester, period of internal assessment tests, end semester examinations etc.

Subject allocation/distribution is taken place in the presence of HOD and all faculties as per their expertise and choice by mutual understanding or as decided by HOD before the commencement of the semester. Timetable in-charge of each department prepares the timetable as per the guidelines of respective statutory

bodies for the number of credit hours for each subject prior to the commencement of the semester. Timetable is uploaded on the college website and displayed in the respective department notice boards.

After subject allocation ,faculty members prepares lecture notes , lesson plan and laboratory plan before the commencement of semester, indicating the topics to be covered lecture wise including the evaluation process for each subject. It is then made available to the students. At the beginning of the semester during first lecture Course Outcome of the subject, internal evaluation components and rubrics of all internal evaluation methods are discussed with all students for maintaining transparency during whole semester. The performance of the students is assessed on a continuous basis by conducting one Mid Semester Examination (MSE) per semester. In addition to the class tests, assignments, mini-projects as a part of Active Learning Assessment (ALA) practicals and tutorials are also the part of Continuous Internal Evaluation. The evaluated answer sheets of Mid Semester Examination are returned to the students and an opportunity is given to the students to discuss the evaluation with the teacher and teacher try to solve all queries related to particular subject.

At the end of semester, as per academic calendar submission schedule is floated and all students are evaluated on all internal components (Assessment of Practicals, ALA, Tutorials and Assignments etc.) for awarding internal marks.

File Description	Document
Upload Additional information	View Document
Link for Additional information	View Document

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

1. Academic council/BoS of Affiliating university
2. Setting of question papers for UG/PG programs
3. Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
4. Assessment /evaluation process of the affiliating University

Response: B. Any 3 of the above

File Description	Document
Institutional data in prescribed format	View Document
Details of participation of teachers in various bodies/activities provided as a response to the metric	View Document
Link for Additional information	View Document

1.2 Academic Flexibility

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

Response: 100

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

Response: 7

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for Additional information	View Document

1.2.2 Number of Add on /Certificate programs offered during the last five years

Response: 5

1.2.2.1 How many Add on /Certificate programs are offered within the last 5 years.

2018-19	2017-18	2016-17	2015-16	2014-15
1	1	1	1	1

File Description	Document
List of Add on /Certificate programs	View Document
Brochure or any other document relating to Add on /Certificate programs	View Document
Link for Additional information	View Document

1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years

Response: 16.15

1.2.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
215	262	294	0	0

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

1.3 Curriculum Enrichment

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

Response:

Gender:

In a move to create increased awareness among students towards gender issues, an awareness seminar on gender sensitization is introduced for first year students during session of Universal Human Values conducted during **Induction Programme**. The very aim of gender sensitization program is to bring definite orientation in the thinking practices and approach of individuals concerning gender. The program deals with issues pertaining to the relationship between men and women, caste, sexual harassment, new forums for justice. SRICT also organizes programme entitled as **Prevention of Sexual Harassment at Work Place** for all faculty and staff members. Gender equity is attained by conducting programs like seminars, debates, group discussions for both boys and girls on a single platform.

Environment &Sustainability:

SRICT has started a unique/specialized programme named as **Environmental Science & Technology (EST)** to provide solution related to different environmental issues to nearby industries. The college conducts neighborhood community activities through **Nature Club** organized by Environmental Science & Technology Department. Regular **tree plantation activity** is carried by college on different occasions. **Plastico Pick up Machine** has been designed and developed by SRICT with BEIL to pick up plastic waste from different location/points to keep proper hygiene of the plastic pick up person. SRICT has also completed a project for solid waste management for converting organic waste into compost by installing **50 rotating tumblers** at Jitali village near Ankleshwar.SRICT has also contributed actively in “**Shramdan Activity**” – An activity led by Government of Gujarat to build toilets in rural areas. The extension activities organized by the college, enhance the students’ academic learning experiences and inculcate the values and skills in them. Through these activities the students get socialized and learn to think beyond individual interests and for social welfare. The students get a wonderful platform to mingle with each other and learn about culture, traditions and values of people. Extension activities help the students to contribute in national development and social integration.

The subject **Environmental Science** in 1st Year of Engineering addresses Environment and Sustainability. This enables the students to learn about the ecosystem and other environmental factors. They also learn measures to protect the environment and are made aware of global warming and other related issues.

Courses on Human values and Professional Ethics:

Gujarat Technological University offers many courses under the title Human Relations and Professional Ethics. Subjects like **English, Induction Programme, Effective Technical Communication, Organizational Behavior and Engineering Economics and Management** are offered in different semesters. These subjects discuss the details on professional behavior while he/she is with the organization. It also teaches the transition from personal ethics to professional ethics and details about morals values and how they contribute to professional ethics. These papers also discuss the role of human relations and values as well. **Indian Constitution** create awareness about law enactment and importance of constitution. More than that he/she understand fundamental rights and duties to the Indian citizen to instill morality, social values, honesty, dignity of life and their social responsibilities.

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

1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

Response: 13.96

1.3.2.1 Number of courses that include experiential learning through project work/field work/internship year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
30	30	30	30	30

File Description	Document
Programme / Curriculum/ Syllabus of the courses	View Document
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	View Document

1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year

Response: 83.5

1.3.3.1 Number of students undertaking project work/field work / internships

Response: 683

File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	View Document
Any additional information	View Document

1.4 Feedback System

1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2)Teachers 3)Employers 4)Alumni

Response: A. All of the above

File Description	Document
Any additional information (Upload)	View Document

1.4.2 Feedback process of the Institution may be classified as follows: Options:

- 1. Feedback collected, analysed and action taken and feedback available on website**
- 2. Feedback collected, analysed and action has been taken**
- 3. Feedback collected and analysed**
- 4. Feedback collected**
- 5. Feedback not collected**

Response: B. Feedback collected, analysed and action has been taken

File Description	Document
Upload any additional information	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 77.74

2.1.1.1 Number of students admitted year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
170	205	272	275	328

2.1.1.2 Number of sanctioned seats year wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
306	336	336	336	300

File Description

Institutional data in prescribed format

Document

[View Document](#)

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 58.32

2.1.2.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
55	64	49	71	91

File Description

Average percentage of seats filled against seats reserved

Document

[View Document](#)

2.2 Catering to Student Diversity

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

Response:

SRICT organizes special programs (e.g. refresher/orientation program) for the first year students and their parents at the start of the academic year. These programs help them to get acquainted with the individual department as well as institute. During the program we briefly discuss point such as curricular and co-curricular activities, facilities, rules and regulations etc. We assigned faculty members for group of students for counselling and awareness of the individual department and institute. The counsellors monitor academic performance and interact frequently to understand and assist any student with issues that affect their ability to learn or impeding their academic success. Set of 20 students are assigned for a faculty as mentor, and personal and academic care is completely taken by the corresponding mentor. Mentor communicate regularly with parents and sent sms alert regarding performance of students

Advanced learners and slow learners are identified on the basis of involvement in classroom, performance in previous mid semester exam and first. Students who are fail in examination (MSE) are categorized as slow learners and who scored above 90 % are categorized as advanced learners. Departments conduct remedial/extra classes for slow learners beyond the regular class hours. Care is taken by faculty in monitoring the performance of slow learners. faculty members revise the tough topics as per the students requisition and provide university question bank and discuss the way of presenting the answers in the exam to score marks. Student Knowledge Booster (SKB) started from academic year 2019-20 in which course co-ordinator conducted exam at the end of every month.

Students are encouraged to become members of professional bodies such as IChE in Chemical Engineering Department and ISHRE for Mechanical Engineering students. Student participate in group discussions, technical quizzes to develop analytical and problem-solving abilities in them and thereby, to improve their presentation skills. Opportunities are providing to develop their creativity by participating and organizing intercollegiate technical fest. Semester Toppers ((based on SPI/CPI) and rank holders in GTU are encouraged with certificates and cash prizes by management.

Individual department organizes Expert Lectures and industrial visit for all the students in every semester to enhanced there practical and industrial knowledge.

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

Response: 12:1

2.3 Teaching- Learning Process

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

Response:

There are various method by which student enhances their learning experiences. They are listed as

- Experimental learning – Laboratory sessions, BE Project based on experiment, DE
- Participative learning – PLI, Technical fest, Quiz, Paper presentations, Group discussions, Mini project, Active Learning Assignments, Subject Knowledge Booster
- Problem Solving – Open Ended Problems, Tutorials

During practical/laboratory session students get hands on experience for each practical they perform. Faculty members initially explained the theory part of experiment and later on student perform experiment. Final Year project based on experiment as well numerical simulations enhances their skill. Department also conducted monthly review of BE project by taking their presentation in group-wise. Design Engineering is one of the best methods as a learning tool started by GTU. All the information is available on GTU portal.

Tutorial classes for few subject (as per GTU guidelines) are conducted which supplement regular teaching learning process. Now a days multimedia teaching like PPTs are incorporated by most of the faculty members in teaching learning process that enhances the students' understanding of the subject.

Expert lectures (Mostly industrial person) organized by the respective departments, to provide knowledge beyond the prescribed syllabus. SRICT students are encouraged to participate in workshop, intercollege events, paper presentation, and poster presentation to bring out the potential of the students.

Industrial visits are arranged to give industrial exposure to the students. SRICT campus is enabled with Wi-Fi facility that allows students to access technical resources.

The college has a central library (Gharda Technical Library) well equipped with books and e-books, technical magazines, journals.

2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

Response:

Teachers follow and use ICT enabled tools in classroom teaching for effective-teaching learning process. The planned academic activities such as lesson plan, lab manuals and question banks are made available at the very beginning of the semester. SRICT also have developed separate module for the student in which they can access their academic related information. (*Portal detail to be added*). All the classrooms are equipped with teaching aids like, LCD projectors. The electronic resource packages like NPTEL and Digital Library are available. The faculty members as per the requirement of subject effectively utilize Audio Visual aids to demonstrate the concepts to the students using the resources from National Programme on Technology Enhanced Learning (NPTEL) to enhance the learning experience. NPTEL video courses (offline) are accessible to faculty and students from the library. Few faculty members conduct online tests (for example - Mr. KrunalSutar faculty of Chemical Engineering department conducted class test of subject Project Modeling and Simulation to final year students). Number of books, Journals, e-journals and e-books are available in the library. The journals are available online and facility for accessing these journals is provided. Five seminar halls are equipped with multimedia facilities using ICT tools. Expert lecture, R&D meeting, Departmental monthly presentation (MIS) are conducted in seminar hall using ICT facilities

2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)**Response:** 15:1**2.3.3.1 Number of mentors****Response:** 54

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	View Document
mentor/mentee ratio	View Document
Circulars pertaining to assigning mentors to mentees	View Document

2.4 Teacher Profile and Quality**2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years****Response:** 103.58

File Description	Document
Year wise full time teachers and sanctioned posts for 5years(Data Template)	View Document

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)**Response:** 19.96**2.4.2.1 Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
16	13	14	17	14

File Description	Document
List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. and number of full time teachers for 5 years (Data Template)	View Document
Any additional information	View Document

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 6.86

2.4.3.1 Total experience of full-time teachers

Response: 480

File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	View Document

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

Response:

A rigorous effort is made to maintain the quality of internal semester question paper and the assessment process. The internal assessment marks for theory is based on mid-semester examination conducted as per the institute's academic calendar usually after 9 to 10 weeks of commencement of semester. The time table for mid-term examination is displayed at least 10 days before MSE.

The paper setter has to get a paper moderated by a dedicated team of moderators. The syllabus content, coverage of Course Outcomes (CO), difficulty level, formatting, grammatical errors, length of paper and the justification of marks is assessed by moderator. Paper setter has to map each question with CO while submitting paper to moderators. After moderation, the course coordinator prepares solution and evaluation scheme. The assessment is completed after 5 to 6 days of examination and the assessed answer sheets are shown to students.

If student/s is/are not satisfied with an assessment, he/she can approach head of department with a request for re-assessment on the same day of an answer-sheet display. The head of department reviews the same and if found genuine, he/she appoints a subject expert other than the primary assessor. If the difference in the marks after reassessment is less than 10% (i.e. if total marks are 30 marks, then less than 03 marks of difference and if the paper is of 20 marks then less than 02 marks of difference) then no change of marks will be declared. But if the difference is more than or equal to (?) 10%, the higher marks obtained either in primary assessment or reassessment is considered.

The final internal marks are uploaded on university portal at the end of semester and the same can be viewed by students. In case of any query/correction, concerned student approach course coordinator to correcting his/her marks. The course coordinator requests GTU coordinator to unlock the portal for concerned course and the correction is made within the time frame provided by University.

File Description	Document
Any additional information	View Document

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

Response:

To ensure that the examinations are conducted in a punctual manner, Centre in charge nominates a senior professor as a flying squad member. The general guidelines for Flying Squad are as follow;

? Inspect the examination halls and verify the seating arrangement. If the seating arrangement is improper, he/ she shall inform the numbering supervisor and get it amended.

? Observes that the Sr. supervisor/s is/are active. Similarly, visit the blocks and exercise check for the proper conduct of examination and discouraging malpractice.

? Keep vigil of all aspects of the conduct of examination at the center. Report the cases of malpractice/misconduct, if any, to the concerned examination official and report the same in 'flying squad observation report'.

? The Flying Squad shall monitor all aspects of the conduct of examinations and ensure the examinations are conducted in a punctual manner.

? The committee at the end of their visit shall fill up observations in a form and submit the same to the center in charge in a seal pack cover.

Any unfair mean (UFM) reported during examination is reported to the examination section. The statement of concern (flying squad, GTU coordinator, senior supervisor, block supervisor, subject expert and examinee) is taken in case of UFM along with CCTV footage. The UFM hearing meeting is scheduled within one week after the respective examination. The UFM committee comprises of GTU coordinator, flying squad member/s, concerned head of department and center in charge. The policy of UFM is framed in line with the university policy.

Other than Students' internal examination related grievances, students approach the exam section for university exam-based grievances i.e. correction/updating grades in mark-sheet, an extension of the term, a refund of successful reassessment, etc. The examination takes appropriate action within two days of application is received. The members of examination section meet every month to review process of examination section and grievances recorded and action taken.

2.6 Student Performance and Learning Outcomes

2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Response:

Institute displayed POs and PSOs at various locations in the institute such as department notice board, laboratory, and institute website for awareness of the faculty and students. Institute made efforts to attain all the POs as per GTU syllabus guidelines and other curricular, co-curricular and extracurricular activities. At the start of the semester course coordinator creates course outcomes (CO) and lesson plan of the concerned course/subject. Lesson plan are displayed by the course co-ordinator on department notice board. Faculty members conveyed COs of the respective subject to the students in class. Based on the course outcome mapping is done with program outcomes and also define the level. Mid-semester paper questions are marked in terms of COs by each faculty before setting up paper. Course co-ordinator mentioned COs in moderation form which is checked by Head of the department before submitting to the exam section. This way co-ordinator gets awareness of COs which in turns should be mapped with POs at the end of the semester. The CO-PO and PSO attainment is calculated at the end of the every semester. Corrective measures are discussed in Departmental Advisory Board (DAB) once in a semester to increase the attainment further.

File Description	Document
Upload COs for all Programmes (exemplars from Glossary)	View Document

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

Response:

CO-PO Attainment

The Programme outcomes, Programme specific outcomes, course outcome attainment are measured on the basis of direct and indirect attainment. The direct attainment is calculated from 1. Mid semester examination conducted by institute

2. Active learning assignment (Faculty member distribute topic from the syllabus and student present in the form of presentation

3. End semester examination conducted by the GTU

70 % weightage is given to End semester examination, 20% to mid-semester examination and 10% is active learning assignment. These are direct attainment. A weightage is given to each course outcomes based on the attained value. As per the new syllabus structure (2018 batch) distribution is 70% ESE and 30 % MSE.

Industrial visit, Expert lecture, Exit survey and Employer survey are the tools used for indirect attainment. Once both the direct and indirect attainment are achieved, the total attainment of each course outcomes are calculated by considering 80% of direct attainment weightage and 20% of indirect attainment weightage. A target level for each course outcomes is set by the subject experts; then attainment is compared with the target value. If the total attainment is greater than equal to the target value, then we can conclude that the attainment of that course outcome is successfully achieved. The PO's, PSO's are correlated with COs by the course coordinator at the beginning of the semester. Once the total attainment of CO is achieved, it is used for measuring the level of attainment of PO's and PSOs. If the compared value is either equal to or near to the correlated value, we can conclude that attainment is achieved successfully.

2.6.3 Average pass percentage of Students during last five years

Response: 77.26

2.6.3.1 Number of final year students who passed the university examination year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
215	250	225	205	126

2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
274	312	309	258	167

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.29

File Description	Document
Upload database of all currently enrolled students (Data Template)	View Document

NAAC

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

Response: 9.76

3.1.1.1 Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
9.76	0	0	0	0

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

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

Response: 8.57

3.1.2.1 Number of teachers recognized as research guides

Response: 6

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years

Response: 8

3.1.3.1 Number of departments having Research projects funded by government and non-government agencies during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1	1	0	0	0

3.1.3.2 Number of departments offering academic programmes

2018-19	2017-18	2016-17	2015-16	2014-15
5	5	5	5	5

File Description	Document
List of research projects and funding details	View Document

3.2 Innovation Ecosystem

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

Response:

The incubation center, ENVISAGE, at SRICT is accepted as Nodal Institute under Startups/Innovation Scheme (MIS-102014-924909-I, dated 27/01/2015) on 05/12/2016 to promote creativity in technology and entrepreneurship in youth in the field of Energy Conservation, Environmental Safety, and Chemical Manufacturing. To this end, ENVISAGE, has planned to adopt Incubation Policy to provide guidance and management structure to facilitate the development of entrepreneurship. A startup is incubated in Incubation Center (ENVISAGE), which gives them a chance to bring their business in shape, before they reach out to the outside world.

ENVISAGE aims at offering students with innovative ideas and an opportunity to become entrepreneurs. The centre provides research lab, equipment, shop floor at its premises and gives domain-specific programs with support of Collaborated companies. "The hub is open to everyone with innovative ideas and we protect the innovator's intellectual property rights. Some of the activities of ENVISAGE includes seminars, guidance to entrepreneurs towards investment, in-depth interactions with industry experts, mentoring by academicians and industrial experts, brainstorming, progress review of markets and market roll out.

The Procedure as outlined in (MIS-102014-924909-I) is as follows:

- 1.The institute which intend to promote the start ups, will submit its proposal to Industries commissioner for approval of committee as Nodal Institute.
- 2.The innovator will approach institute with his proposal of innovative idea/concept for recommendation.
- 3.The committee will approve idea/concept of an individual or group of individuals duly

recommended by institution.

4. The institution will submit proposal to industries commissioner to avail assistance for providing mentoring services and the committee will sanction the assistance based on number of innovators.
5. The institution will submit proposal to industries commissioner to avail assistance for innovation of new product/process development based on number of innovators.
6. The selected candidate whose project is approved by the committee will be eligible for sustenance allowance for one year and it will be paid by Director, CED.
7. Assistance to the Nodal Institute will be released by Industries Commissioner.
8. Once the idea get commercialized, the innovator will apply to Industries Commissioner to avail benefits such as venture capital assistance, marketing/ publicity support and apply to DIC for assistance under MSME scheme and Net VAT reimbursement etc.

Outcome:

- Self-certification for the startups is comprised of nine labor laws and environmental laws. For the labor laws, there will be no inspection for a period of three years.
- This scheme enables the startups to communicate easily through the mobile application so that the process of uploading the relevant documents to the portal becomes very easy one for the companies. Other processes such as clearances for the approvals, filing complaints are also done through the app.

Financial Assistance for Innovation:

- Rs. 10,000 per month to the innovator as sustenance allowance for one year
- Upto Rs. 5 lakhs assistance to the institution for mentoring services
- Upto Rs. 10 lakhs assistance for Cost of Raw material/components & other related equipments required for the innovative process.

File Description	Document
Upload any additional information	View Document

3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years

Response: 46

3.2.2.1 Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
17	10	13	4	2

File Description	Document
Report of the event	View Document
List of workshops/seminars during last 5 years	View Document
Any additional information	View Document

3.3 Research Publications and Awards

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years	
Response: 1.67	
3.3.1.1 How many Ph.Ds registered per eligible teacher within last five years	
Response: 10	
3.3.1.2 Number of teachers recognized as guides during the last five years	
Response: 6	
File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
Any additional information	View Document
URL to the research page on HEI website	View Document

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years				
Response: 0.01				
3.3.2.1 Number of research papers in the Journals notified on UGC website during the last five years.				
2018-19	2017-18	2016-17	2015-16	2014-15
1	0	0	0	0

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document
Any additional information	View Document

3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.63

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

2018-19	2017-18	2016-17	2015-16	2014-15
17	10	11	6	3

File Description	Document
List books and chapters edited volumes/ books published	View Document
Any additional information	View Document

3.4 Extension Activities

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

Response:

Student and faculty members of Rotaract Club, Rotary-e-Club, Nature Club, and Kalam Centre Gujarat of our College are actively involved in the extension activities of the neighborhood community.

- Every Year Note Book Distribution has been done to the nearby Village areas to the needy ones.
- A Project named as “SAMARPAN”-Flood Relief Project for the victims of Kerala state flood was organized where Faculty Members, Staff & Students contributed for the Victims.
- Various Programs for Women are organized on regular basis and one such program was organized on 10th October 2018 on Women Self Defence Training
- To motivate the students to donate blood, blood donation camps & Thalassemia Check up camp are conducted on regular basis in the campus
- Every Year “ARPAN”-Old Clothes Distribution Project” is organized where Faculty & Staff Members donate their old cloths & they are distributed to the needy ones.
- On Regular Basis SRICT organize Career Counseling Programs to the near by Schools & Colleges.

- During Winter Blankets are distributed to the needy ones.
- On 19th January,2019 RO plant donated at Primary school, Dodvada village –Valia which benefited the students of the school.
- Cleanliness drive project organized under the banner of Nature Club to clean the areas
- Paper Bags distribution Project organize on regular Basis one such program was organized on the 22th August 2018, Students from Department of Environmental Science and Technology had distributed 145 paper bags at Shravan Chowk, Bharuch as a part of Nature Club activity.
- Tree Plantation Project at SRICT as well as in the nearby villages are conducted on Regular basis.
- Innovative projects/Ideas related to social and environmental problems of day to day life are done by our students. The department of Environmental Science and Technology has organized an environment model making competition "Enva-make" related to general environment related problems specifically pollution prevention under the banner of Nature Club on 03/03/2018. The models were presented in the exhibition by students.
- Shroff SR Rotary Institute of Chemical Technology, Vataria enthusiastically celebrate International Yoga day every year . Faculty, Staff and students took part in this celebration and practiced YOGA.
- Shroff S R Rotary Institute of Technology (SRICT) with the support of Rotary Club of Ankleshwar and Bharuch Enviro Infrastructure Ltd (BEIL) took initiative to manage the solid waste (kitchen waste specifically) at Jitali Village.
- Our Students involved in opening library under Kalam Bharat Project. They Collected books from others and opened the Library.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

Response: 6

3.4.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

2018-19	2017-18	2016-17	2015-16	2014-15
1	1	2	2	0

File Description	Document
Number of awards for extension activities in last 5 year	View Document
e-copy of the award letters	View Document

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., during the last five years (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

Response: 14

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

2018-19	2017-18	2016-17	2015-16	2014-15
6	2	3	2	1

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	View Document

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

Response: 29.23

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

2018-19	2017-18	2016-17	2015-16	2014-15
289	192	188	469	332

File Description	Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document

3.5 Collaboration

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year**Response:** 754**3.5.1.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
101	166	301	102	84

File Description	Document
e-copies of related Document	View Document
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	View Document

3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years**Response:** 35**3.5.2.1 Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
9	9	8	5	4

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

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

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

Response:

SRICT provides to its students the best amenities possible to continue their studies and excel in their career. There is no compromise made anytime as far as availability of material, knowledge resource, space, and human resource is concerned. We believe investing in knowledge and human resource always pays back to the society in terms of National Wealth. We have following facilities as per AICTE norms for conducting academic activities regularly.

(a) Learning Resources: This includes resources and infrastructure required for library, laboratories, class room teaching, events, meetings, workshops, etc.

(b) Support facilities include cafeterias/canteen, hostels, seminar halls, student stationery, Medical etc.

(c) Utilities like RO drinking water, Washroom, Restrooms, Power Generators etc.

Table 4.1.1.1 Facilities for Teaching- Learning: Classrooms, Laboratories and Seminar halls

Sr. No.	Type of Infrastructure	AICTE Norms	Actual in sqmt.
		In sqmt.	
1	Classrooms - BE	990	1380
2	Tutorial room -BE	132	136
3	Seminar Hall –BE & ME	132	814
4	Additional Workshop –BE & ME	200	292
5	Drawing Hall –BE & ME	132	132
6	Workshop–BE & ME	200	373
7	Laboratories-BE	2244	3284
8	Classrooms-ME	132	169
9	Laboratories –ME	264	288
10	Computer Centre	150	179
11	Language Laboratory	66	67

Table 4.1.1.2 Facilities for Teaching- Learning: Computing facilities

Sr. No.	Type of Infrastructure	AICTE Norms	Actual Nos
1	Computers	188	283
2	Printers	10	22
3	Internet Bandwidth	32	50
4	System software	3	7
5	Application soft wares	20	18

Gharda Technical Library at SRICT is integrated Knowledge Resource Centers that are stocked with over 11000 books, periodicals, references, national and international journals, CD-ROMs and 10000 E- books covering all aspects of academic studies and research material. Students have access to various electronic information resources for online databases, Journals, Case studies, research materials etc through OPAC.

File Description	Document
Paste link for additional information	View Document

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

Response:

SRICT has 5 acres Sports Ground. The facilities include Cricket, Football, Basketball, Table tennis, Fitness center (Gymnasium) etc. Through its excellent sports facilities, SRICT offers opportunities to students for regular work-out, lifestyle management and interaction. Approx.3 hours a day sports area are used by students. The details of sports facilities:

Table 4.1.2.1 Facilities for Sports, Indoor-Outdoor games

Volleyball Court	1
Cricket Ground	1
Basketball Court	1
Badminton Court	1
Kabaddi Ground	1
Billiards Tables	1
Table Tennis	5
Carrom Boards	6
Chess Boards	10
Football Court	1

We at SRICT always believe in overall development of students. As a part, we are celebrating WINSTINCT, the annual sports day, every year under banner of “WINSTINCT” at SRICT campus.

In WINSTICT, we organize Indoor and Outdoor sports. Indoor Sports includes Carom, Chess, Table Tennis, Billiards whereas Volleyball, Cricket, Basketball, Badminton, Kabaddi etc. SRICT management felicitate winners of each event with token of memento and certificate.

SRICT also motivate students to participate in state and national level sports events like “KhelMahotsava” organized by Govt. of Gujarat.

“A healthy mind and fit body leads to successful life”. SRICT always put a step ahead in physical fitness of faculties and students and Gymnasium came into role. The infrastructure of hostel campus includes an inbuilt gymnasium which is easily accessed by all at free of cost. It includes equipment like:

S.No.	Equipment	Numbers
1.	Treadmill	1
2.	Cross Trainer	1
3.	Spin Bike	2
4.	Multi Station	1
5.	Adjustable bench	1
6.	Olympic bench	1
7.	Hexagonal Dumbbells (390Kgs)	12 set
8.	Dumbbells rack	1
9.	Plates (370Kgs)	12 set
10.	Plate stand	1
11.	Olympic bar (3 feet)	1
12.	Olympic bar (5 feet)	1
13.	Olympic bar (7 feet)	1
14.	Rope	1
15.	Skipping rope	4
16.	Yoga mat	4
17.	Ladder	1
18.	Resistance cable	1
19.	Resistance cable	1
20.	Gym ball	1
21	Sit up machine	1

SRICT categorize cultural events at small scale and large scale. Small scale events including 26th January, 15th August, Felicitation program etc are organized at college campus area at Quadrangle and Entrance lobby. Cultural events like, Reva Fest are organized outside college campus at hired area.

File Description	Document
Paste link for additional information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class,

LMS, etc. (Data for the latest completed academic year)

Response: 96.43

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 27

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View Document
Paste link for additional information	View Document

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

Response: 87.96

4.1.4.1 Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
494.02	518.90	95.79	477.75	185.17

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	View Document

4.2 Library as a Learning Resource

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

Response:

Shroff S.R. Rotary Institute of Chemical Technology (SRICT) brings to you a wonderful, the most vibrant Library name Gharda Technical Library have books in Chemical Engineering, Mechanical Engineering, Electrical Engineering, Environmental Science & Technology and Chemical Technology which includes Dyes and Pigment Technology, Glass and Ceramics Technology, Pharmaceutical Technology and Polymer and Rubber Technology.

The collection includes reference books, text books, CDs, etc. Efforts are on the way to build excellent

collection of scholarly resources in digital format as well. Library has an online access to core collection of e-journals and bibliographic databases. It is currently located at 2nd Floor in the academic building and can accommodate nearly 150 readers at a time. Most of the in-house services of the Library are partially computerized, and provides access to all subscribed online resources and open access resources.

Earlier library is using library management software i: e LIBSYS 4 LSEase till March 2018 and now library is using latest LIBSYS 7 Java/EJB based Web Centric LSEase Software.

- Name of ILMS software: LIBSYS
- Nature of automation: Partially
- Version: LIBSYS 7 EJB Web Centric
- Year of Automation: 2011-2012

OPAC/Web OPAC is main tool to provide access to the library collection. Library website also provides information about resources, sources, rules and regulations. Library has adequate number of work stations to facilitate searching/accessing OPAC, e-resources, web browsing and for other academic works. Provision has also been made to allow downloading/printing of material from these resources. SRICT has installed excellent ICT infrastructure with adequate bandwidth for fast and seamless access to Internet.

Library has rich collection of Chemical Abstract from the year 1907 to 1999 for research and development. Library also has NPTEL facility for student and faculty member through which they can browse online lectures, videos and tutorials from IIT and IISC faculties through intranet within SRICT campus.

Some Initiatives taken by Gharda Technical Library are given below:

- Free WIFI, internet access, free download and printout facility have been provided.
- Central Student Stationery Store facility have been provided to all students within SRICT campus through library.
- Reprography / Xerox facility have been provided to students and one and all.

4.2.2 The institution has subscription for the following e-resources

- 1.e-journals**
- 2.e-ShodhSindhu**
- 3.Shodhganga Membership**
- 4.e-books**
- 5.Databases**
- 6.Remote access to e-resources**

Response: D. Any 1 of the above

File Description	Document
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template)	View Document

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 4.78

4.2.3.1 Annual expenditure of purchase of books/e-books and subscription to journals/e-journals year wise during last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
2.48	00	0.31	6.52	14.59

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e-journals during the last five years (Data Template)	View Document

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the last completed academic year

Response: 0

4.2.4.1 Number of teachers and students using library per day over last one year

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

SRICT has about 500 network connections with Wi-Fi users & 270 CC tv Camera covering 10 buildings across the campus and capacity to provide services to 1200 user's .We are following BSNL 38 Mbps Leased Line Internet Bandwidth. From 1-3-2020 we are following 50 mbps of Ishan Netsol.

- Wi Fi availability: **31 Access Points are available in Institute Building and Hostel**
- Internet access in labs, classrooms, library and offices of all Departments: **By LAN connection**
- Security arrangements: **Yes (Cyberoam is available to protect from incoming and outgoing bugs/Unauthorised contains)**

Year wise Development details of LAN and Wi-Fi Facilities

YEAR	BUILDING
2014-15	PG
2015-17	NA
2017-18	HOSTEL GROUND & FIRST FLOOR
2018-19	HOSTEL 2 ND , 3 RD & 4TH FLOOR

Details of Year wise Bandwidth of SRICT

MONTH	Academic year	BANDWITH
Feb-15	2014-15	32 MBPS
Feb-16	2015-16	32 MBPS
Feb-17	2016-17	32 MBPS
Feb-18	2017-18	48 MBPS
Jan-19	2018-19	38 MBPS

SRICT has enormous and latest IT Infrastructure to support the Teaching & Learning processes. Details of SRICT computing facilities i.e., hardware and software are as follows:

- Any MS Windows OS based computer that is connected to the network should access <http://windowsupdate.microsoft.com> web site for free updates. Such updating should be done atleast once in a week. Even if the systems are configured for automatic updates, it is users responsibility to make sure that the updates a being done properly. **Antivirus Software and its updating**

SRICT has 140 license of third party SEQRITE antivirus software to protect data and information from attack. The user is responsible for keeping the computer system compliant with this virus protection policy.

Network Connections (LAN) and Internet Access Policy

Separate Login ID's are created for internet access so that user (employee) can access Internet through their respective login only. Student can access internet through their mobile or laptop or from designated computers of Laboratories & Library through respective login id.

Institute's Email Account

In an effort to increase the efficient distribution of critical information to faculty staff and students, it is recommended to utilize the institute's e-mail services, for formal communication and for academic & other official purposes. SRICT has subscribe E-mail services from Goggle and created e-mail ids for their employee. Employee are communicating with each other through institute's e-mail id only which facilitate the delivery of messages and documents to campus and extended communities or to distinct user groups and individuals.

Dedicated computing facilities

- Internet in All Computer Labs
- Internet in Residential area
- Wi-Fi in All Hostels
- Paid Printing
- LCD Projectors
- Audio Visual Class rooms

Proprietary software

- MS-Office 2007,2013 & 2016
- AutoCAD 3D Studio Max
- MS-SQL 2005
- Adobe Creative suite
- Solid Works
- AutoCAD LT 2012
- MAT Lab
- AutoCAD LT 3D

SRICT has its own IT Policy that works as guidelines for utilization of computing facilities including computer hardware, software, email, information resources, intranet and Internet access facilities, collectively called "Information

This IT policies would be applied to all departments of SRICT, UPL Hostel and other areas of SRICT Campus.

4.3.2 Student - Computer ratio (Data for the latest completed academic year)

Response: 2:1

4.3.3 Bandwidth of internet connection in the Institution

Response: B. 30 MBPS – 50 MBPS

File Description	Document
Upload any additional Information	View Document
Details of available bandwidth of internet connection in the Institution	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)

Response: 9.68

4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
59.79	38.27	29.09	35.65	30.67

File Description

Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)

Document

[View Document](#)

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

Response:

The institution has the structured system for maintaining and utilizing the facilities available.

SRICT Facility Management team maintains the physical and academic support facilities. The various responsibilities of the team are Housekeeping activities, maintenance of Garden, pest control, entire campus snag work etc.

SRICT has divided maintenance of whole campus in 6 groups and assign responsibilities to 6 committees/teams. Nature of maintenance and responsible team/committee are mentioned in Table-1

Table -1 : Campus Maintenance

Sr. No.	Type of Maintenance	Committee / Team
1	Civil Maintenance	Project
2	Housekeeping, Garden Maintenance, Water Supply, Drinking Water, Waste, IT CCTV , Waste Management	Administration
3	Furniture, AC, Water cooler	Mechanical Maintenance
4	Electrical, Power Supply & DG Set	Electrical Maintenance
5	Hostel	Hostel Committee

6	Classroom , Library and Laboratory Maintenance	HoDs, Principal , Vice Principal
---	--	----------------------------------

Each Team will report to the SRICT management about maintenance of electrical, plumbing, civil, mechanical, housekeeping etc o every Friday. A logbook is maintained for the same. The college provides transportation facilities for its faculties and students. A transport committee is constituted to address and rectify any transport related issues. The security of the institute is taken care by in CCTV and Security guards with the help of an external private agency in two shifts round the clock.

1. Civil Maintenance

Each HoDs submit maintenance related to issues to Manager Administration and Manager Administration will coordinate with Project Team for complete it. Project Team is also taking mass maintenance or preventive maintenance of building like Painting, blocking water leakage, Drainage cleaning etc.

2. Housekeeping and Water supply

SRICT placed work order to third party for Labor supply and Housekeeping of whole campus.

SRICT has done AMC for RO plant and Softener plan for maintaining good quality of water supply and drinking water. SRICT has constitutes 2 separate team who will dedicatedly looking after over all Housekeeping , Water supply and Drinking water of SRICT campus.

of its own. Hence any sort of medical emergency can be immediately addressed.

2.1 IT Maintenance:

IT help desk is functioning in the campus for resolving the issues like hard ware trouble shooting, software installation, Maintaining Biometric devices and network related issues are monitored and maintained. The complaints are posted through E-mail are addressed and resolved immediately. IT HELP DESK, of SRICT maintains the computers. Periodical maintenance is carried out in all laboratories. All necessary software like Microsoft office, browser, lab software, antivirus software are installed and maintained. For UPS and CCTV, SRICT has done AMC with third party so that up time should be maintained.

3. Electrical and Mechanical Maintenance:

Electrical and Mechanical maintenance committee / team are taking care of routine maintenance of all types of Electrical and Mechanical maintenance. For AC and Water Cooler, SRICT has done AMC with third party so that down time should be minimized.

4. Classroom, Library and Laboratory Maintenance:

Classroom maintenances looked after by each department. HoDs are submitting complaint to respective committee/ team for the maintenance. All the laboratories are spacious and well-lit. Do's and

Don'ts/safety precautions are displayed in each laboratory. Every equipment in the lab is bar-coded and records of the same are maintained. In house servicing of the lab instruments are done every six months. Major repairs are outsourced by following the procedure of the institute. Consumables will be purchased every six months. Instruments are calibrated wherever required. Lab assistant & faculty members are trained to do the repairs as applicable. All electrical wirings and grounding are done as per the norms. First aid box, fire extinguisher and hand gloves, welding goggles are provided wherever necessary. The institution has outdoor and indoor doctor

4.1 Library maintenance:

There is regular stock verification process carried out by the library. A file is maintained which contains the stock verification reports carried out at different intervals. Physical verification of the library stock is the process by which the accession register is tallied with the books in the library. It gives the overall picture of the available documents in the library. Stock verification provides opportunities to weed out long unused, very old editions of the books from the library. It also leads to the cleaning and dusting of books and thus preventing their deterioration. All the torn and old books which could not be used for circulation has been kept separately. There is a Library advisory committee which helps in guiding the library for effective services. The library committee meets at regular intervals for selection of books and other Library material. They also suggest ways and means to improve the services. The files relevant to Library and Library services are well maintained and labeled for easy access to any of the Library staff. All the new books and journals are kept in the new arrival racks for a period of two weeks or till the arrival of next lot of new books or journals. Because of the strict vigilance from library staff and the security personal, the percentage of loss from the library is negligible.

4.2 Sports facility Maintenance:

The sports facilities of SRICT are maintained by physical education department. A stock register and an issue register are maintained to ensure the proper handling of the sports items. Stock verification of the sports items is conducted at the beginning of each semester. Regular maintenance of the play area is conducted under the supervision of Physical education director and faculty sports coordinator. At the beginning of each semester the readiness of the classrooms and labs are checked by the facility management team. Regular inspection, maintenance of the furniture's and classroom equipment is done on a regular basis.

5. Hostel Maintenance

Warden of Hostel is looking after overall maintenance of Hostel. Warden is maintaining complaint register and escalate it to relevant committee /team for resolve it. Coordinator of Hostel and Manager Administration are monitoring it and taken necessary steps for maintenance.

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 5.37

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
28	63	60	97	28

File Description

Document

upload self attested letter with the list of students sanctioned scholarship

[View Document](#)

Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)

[View Document](#)

5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 0.67

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution / non- government agencies year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
23	05	00	00	00

File Description

Document

Upload any additional information

[View Document](#)

Number of students benefited by scholarships and freeships institution / non- government agencies in last 5 years (Date Template)

[View Document](#)

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

Response: A. All of the above

File Description	Document
Details of capability building and skills enhancement initiatives (Data Template)	View Document
Any additional information	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

Response: 43.77

5.1.4.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
390	431	457	416	492

File Description	Document
Number of students benefitted by guidance for competitive examinations and career counselling during the last five years	View Document
Any additional information	View Document

5.1.5 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

1. Implementation of guidelines of statutory/regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees

Response: A. All of the above

File Description	Document
Upload any additional information	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 49.44

5.2.1.1 Number of outgoing students placed year - wise during the last five years.

2018-19	2017-18	2016-17	2015-16	2014-15
128	113	145	146	96

File Description	Document
Self attested list of students placed	View Document
Details of student placement during the last five years (Data Template)	View Document

5.2.2 Average percentage of students progressing to higher education during the last five years

Response: 42.75

5.2.2.1 Number of outgoing student progression to higher education during last five years

Response: 115

File Description	Document
Details of student progression to higher education (Data Template)	View Document
Any additional information	View Document

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 50.21

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.)) year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
10	26	23	17	09

5.2.3.2 Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year-wise during last five years

2018-19	2017-18	2016-17	2015-16	2014-15
22	42	44	35	21

File Description	Document
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	View Document
Any additional information	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.

Response: 55

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

2018-19	2017-18	2016-17	2015-16	2014-15
12	12	8	11	12

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year	View Document
e-copies of award letters and certificates	View Document

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

Response:

SRICT believes in overall development of students. Students have been involved in many co-curricular and extracurricular activities like TECHNOVATION, WINSTINCT, ABHYUTHAN, ABHYUDAY, REVAEST, 15th August, 26th January, Nature Club, Rakta-Kundali, 5S, KATHAN, Department Level E-Magazine, Student Chapter, Industrial Visits, Expert lectures etc..

Name of Activity	Brief Detail of Activity
TECHNOVATION	A Technical Symposium: It is a national level technical fest and completion where demonstrate their skill in the field of engineering in the form of research paper/poster , I reactions, Mechanical junk yard , live circuit making etc.
WINSTINCT	A Sports Festival: To enhance sports skill of students as well faculty and staff members Outdoor sports activities conducted throughout the year and annually SPORTS days campus.
ABHYUTHAN	Award Ceremony: In every term meritorious students have been awarded with Cash prize their outstanding performance at university examinations.
ABHYUDAY	College Level Convocation Ceremony: All graduate students have been awarded with Cash prize their excellent Academic performance at university in the final year with Degree award ceremony this activity which conducted annually in the month of July.
REVAFEST	A Cultural Annual Function: A cultural annual day celebrated where students can showcase , dancing and acting talent
15TH AUGUST	Independence Day-National Day Celebration ; An Independence day is celebrated in campus year a national festival where apart from flag hoisting other cultural programme is also executed by students
26TH JANUARY	Republic Day-National Day Celebration : An Republic day is celebrated in campus in national festival where apart from flag hoisting other cultural programme is also executed by students
NATURE CLUB	Environment Sustainability Activity: Under the roof of nature club various environmental activities design and executed for awareness of healthy environment.
RAKTA-KUNDALI	Blood Donation & Thalassemia Checkup Camp: Every year Blood donation camp organized

	where students, faculty and staff members actively participated as amoral responsibility tow
5S	Workplace Management Tool: It is a work place management philosophy implemented a prevent accidents and effective and efficient workplace.
KATHAN	A College Level Magazine: Quarterly Campus level E magazines published where student editorial board and all students can showcase their skill and published.
E-MAGAZINE	Various Department Magazines: Department level magazines are also designed and p showcase various department activities
STUDENT CHAPTER	Technical activity center collaborated with various Govt. /Semi Govt. agencies where tec technical events conducted for encourage students for overall grooming of their personality.
INDUSTRIAL VISITS	Regular activity of each department to conduct at least three Industrial visits per term so can get real industrial exposure
EXPERT LECTURES	It is also a continuous activity and every department organize and invite industrial per his/her experience of field work so that students can understand practical life of an profession.
PRATIYOGITA	State level competition for school students
In all above mentioned events, students involved at various positions like Co-ordinator, member of committees, Volunteers, Editorial committee member etc.	
File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

5.3.3 Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 25.6

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

2018-19	2017-18	2016-17	2015-16	2014-15
30	27	27	26	18

File Description	Document
Report of the event	View Document
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template)	View Document

5.4 Alumni Engagement

5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

SETU – “An Alumni Association of SRICT”

SRICT started ‘SETU’ since 2015 – when the very first batch of SRICT passed. The purpose of an Alumni association - SETU is to keep a roster of all Alumni of college and their pertinent data. The objective of an association is to encourage, foster and promote close relations among the alumni themselves and to promote a sustained sense of belonging to the Alma Mater among the Alumni by being in regular contact with them. The publish periodical magazines or bulletins with valuable information is being shared with alumni. This bulletin covers alumni success stories.

SETU provides a platform and involves SRICT alumni in activities like Peer Learning Initiative, special talks to boost up confidence amongst existing students. In a small span of 5 years, alumni were able to make valuable contributions to scholarship funds, get themselves connected through the Rotary E-club of Ankleshwar Green which is SRICT centric club. Alumni have also contributed to the growth of the institute by attending an important meeting, providing valuable outputs at a regular interval helping institute to achieve program objectives.

The Alumni Association achieves these objectives by staging an annual program of events and reunions on 16th July every year as it is an institute’s foundation day. The last alumni meet was organized on 16th July 2019. All past students i.e. 2011 to 2015 admission batches were invited through various forums (which included FB, WhatsApp, emails etc.) 127 Students registered for the meet. Alumni had a great time and they appreciated efforts of the institute to organize such gathering once a year. Alumni can contact the institute using an e-mail address: setu@sriect.in

During the last meet, a working committee of SETU- an alumni association was framed on the occasion;

- Hamza Shaikh- President
- Vikas Thakur- Vice President
- Aayushi Desai- Treasurer
- Kishan Soliya- Secretary
- Nishant Sharma- Sergeant at arms

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

5.4.2 Alumni contribution during the last five years (INR in lakhs)

Response: E. <1 Lakhs

NAAC

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

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

Response:

Vision:

To strive to be a world-class institute to impart knowledge, quality technical education and develop leaders, required by chemical and allied industries.

Mission:

1. To develop high quality technical education and personnel with sound footing on basic engineering principles.
2. To impart practical and scientific education for sustained development of students, faculty, staff and local as well as global industry.
3. To provide transparent and good governance along with accountability in all respects.
4. To impart high quality flexible training by benchmarking world class institutes, to meet future demands of society and industry.
5. To develop diverse curricula and training programs so as to offer wide choice to students to take up career in industries, service organizations and consultancy services.
6. To give practical knowledge to students through interaction with industry.
7. To develop future leaders.

Governance:

The Board of Governors (BoG) is the apex body to meet the objectives of Shroff S.R. Rotary Institute of Chemical Technology (SRICT), which is managed by the Ankleshwar Rotary Education Society (ARES) and the principal sponsors, the United Phosphorous Limited (UPL) group. The major policy decisions are taken by the ARES Board of Governors. SRICT is managed by a Managing Committee (MC).

Powers & functions of Board of Governors of ARES:

The Board of Governors shall be responsible for the Management and Administration. The Board of Governors shall have the powers:

- To form any committee including Managing Committee or such other committee for the purpose of smooth working of ARES to delegate the powers accordingly.
- To frame policies, rules and regulations for the administration hereby established and conduct of meetings, and to rescind, alter, modify and add to any remarks of such rules and regulations.

Perspective Plan of Institute:

The Institution has various perspective plans for the holistic development of the Students.

- Committed to provide quality education with basic facilities in ambient atmosphere to the students.
- Aiming towards various Recognitions and Accreditations
- Strengthening Industry-Institute Relationship for training and placements of students
- Upgrade the quality of Faculty through FDPs, Induction Programs and Industrial Trainings
- Enhancing the Research and Development Activities and Creating Centers of Excellence
- Improving the Infrastructure

Participation of Teachers in Decision-Making Bodies:

The teaching faculty, consisting of, various cadres have duties and work functions which are similar with differences only in the level of participation in each.

- Principal will look after administration & quality education of college.
- Vice Principal (VP) will look after smooth execution of academic work, co-curricular and extra-curricular activities.
- Every member of the faculty and administration is involved in the process of decision making in his/her own capacity within a general hierarchical framework for duties, responsibilities, and rights including HoDs for executing the policies in their department.
- Along with teaching, the faculty members are given privileges to express their opinions in the department meetings where the department policies are finalized and to associate themselves in several initiatives at all levels.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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

Response:

SRICT management believes in delegation of authority and responsibility in academic and administrative work. The first step towards the decentralization process happens through the departmental heads. The Principal is the Head of the Institution and he/she ensures that the right ambiance is created for smooth functioning of all academic activities, intellectual growth, and research pursuits. He/she periodically convenes meetings with the HoDs, where ideas gathered from faculty members are exchanged and decisions are made regarding improvement in the academic performance of students. He/she creates various committees in consultation with the VP, Human Resource (HR) admin and the HoDs such as Accreditation, Internal Quality Assurance Cell (IQAC), Disciplinary and Anti-Ragging Committee, Grievance and Redressal Committee, R&D Committee, Academic Committee, Examination Section Coordination Committee, Purchase Committee etc. These committees help in the decentralization of work and collective responsibility. This is done with the help of class/subject coordinators, stakeholders and counselors, who provide academic support, guidance, counsel, address grievances, maintain the database, keep tracks on attendance and communicate student progress to the parents.

Decentralization and participative management

The HoD schedules the activities of the department and assigns responsibilities to the department faculty members. HoDs have functional autonomy in proposing the budget, course allocation and takes the ownership of the department. HoD assigns various department-level portfolios such as Industry Visit, Expert Lecture, Mentoring, Summer Training, Peer Learning Initiatives (PLI) etc. to the faculties. In addition to the curriculum, the extra-curricular and co-curricular activities are also considered for work delegation.

Delegation of Financial Powers:

Managing Committee (MC) has delegated powers to committee/members for taking operational and financial decisions. The minutes of the subcommittees shall be reviewed by Managing Committee. The minutes of Managing Committee shall be reviewed by ARES. The delegation of power to Convener, Head of the Institutes are given in Table below:

Sr. No.	Powers	Authority	Limit
01	Payment approval and cheque signing	(i) Joint signature of 2 members <ul style="list-style-type: none"> • 1 member out of Managing Committee • Principal 	1. Up to 1,00,000
		(iii) Joint signature of 2 members of Managing Committee.	(ii) Above Rs.
02	To approve payment in cash	Principal/ Vice Principal	Actual
03	Revenue expenses approvals:		
	3.1 To fix the remuneration of staff	Managing Committee	As per pre regulations
	3.2 Preliminary authorization of Expenses	<ul style="list-style-type: none"> • As per SOP 	Actual
	3.3 To authorize monthly remuneration and other staff related payments	Principal/ Vice Principal	Actual
	3.4 To fix the yearly increment	Managing Committee	Full authority
	3.5 To authorize transaction relating to revenue expenses.	(i) Principal	(i) Up to Rs. 1,00,000
		(ii) Managing Committee	(ii) Above Rs.
Capital expenditure Approval:			
04	4.1 To approve transaction relating to purchase of consumables	1. Principal	(i) Up to Rs. 1,00,000
		(ii) Managing Committee	(ii) Above Rs.
	4.2 To approve transaction relating to purchase of fixed assets other than construction assets	1. Principal	(i) Up to Rs. 1,00,000
		(ii) Managing Committee	(ii) Above Rs.

	4.3 To approve construction asset invoice	Person nominated by Project Committee	Actual
05	To approve loan to an employee	Managing Committee	Actual
File Description		Document	
Upload any additional information		View Document	
Paste link for additional information		View Document	

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

Response:

The institution has designed a strategic plan for institutional growth and the holistic development of the students such as Teaching & Learning, Research & Development, Industry Interaction, enhancement of infrastructure and extracurricular activities etc.

UPL Hostel Infrastructure:

SRICT had planned to construct UPL Hostel in three phases with capacity of 192 students. SRICT management had started construction of UPL Hostel in 2016. Phase -1 (Ground Floor, First Floor and Second floor) was completed in 2017. SRICT had started process to providing accommodation to students in 2017. Phase-2 (3rd and 4th Floor) was completed in 2018 and Phase -3 (5th and 6th Floor) was completed in 2019.

Phase wise details of constructions of Hostel:

Phases	Description	Boys Hostel	Girls Hostel	Cap
Phase-1	Ground Floor, First Floor and Second Floor	24 Rooms	8 Rooms	64 s
Phase-2	Third & Fourth Floor	24 Rooms	8 Rooms	64 s
Phase-3	Fifth & Sixth Floor	32 Rooms	NA	64 s
Total		80 Rooms	16 rooms	192

1. Facilities in Student's Room

Each room has capacity of accommodate 2 students. Each room has following common amenities and

furniture;

Amenities

- Separate Western Toilet
- Bathroom with Electric Geysers
- Wash basin
- Cloth Stand
- Dustbin

Furniture

- Comfort Single Bed with side table
- Study Table with light
- Chair
- Cupboard with Locker Facility

2. Common facilities @ Hostel

- Gym
- Washing Machine
- Sports
- TV for entertainment for both Girls and Boys Hostel
- RO plant for drinking water
- Water cooler for both Girls and Boys Hostel
- Fire hydrant system which covers whole building as well as floor area
- ATM
- Vehicle
- CCTV Camera on each floor
- Wi-Fi
- Security Guards
- Delicious Food (Breakfast, Lunch & Dinner) @ college canteen
- Doctor on call
- Sewage Systems per Government Norms

3. Warden @ Hostel

SRICT has appointed Full time warden and provided furnished 2 BHK flat with facilities of TV, RO Drinking Water, and Public Announcing System etc. Warden is looking after routine operation of UPL Hostel under supervision of Principal.

4. Housekeeping

SRICT has placed work order to third party for housekeeping of Hostel. Housekeeping manpower is doing

housekeeping on every day.

5. Security and Safety

SRICT has hired security guards from third party and they perform their duties 24 X 7. SRICT has also installed CCTV Camera at each floor as well as surrounding area of Hostel. SRICT has installed automatic fire hydrant system at Hostel which covers whole building.

6. Maintenance

SRICT has constituted Hostel committee for maintenance of UPL Hostel. Each committee members have their roles & responsibilities. Regular maintenance is carried out by maintenance team of SRICT.

Residents enjoy the support of committed and caring wardens who are available 24X7. Supporting infrastructure includes a dedicated cafeteria, laundry services, an on-campus ATM, gym, 24-hour power supply, transport, housekeeping and medical care.

File Description	Document
Upload any additional information	View Document
strategic Plan and deployment documents on the website	View Document
Paste link for additional information	View Document

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

Response:

The Management Committee (MC) is the Governing Body approving the administrative functions of the Institution. The MC meets normally once every three months.

The main functions of the MC are:

- Discussions on administrative and academic matters and approving policies
- Sanction for activities - academic and non-academic and budget approval for the same
- Decisions on recruitment

- Improving infrastructure facilities – curricular and co-curricular
- Approval to procure major equipment
- Enhancing general amenities

Administrative Setup:

Principal:

Principal will look after administration of college and assist Chairman/Vice Chairman for routine operation and development of institute.

Vice Principal (VP):

Vice Principal will report to Principal for smoothly execution of academic work, co-curricular and Extra-curricular activities and shall represent SRICT at academic forums.

Head of the Department (HOD):

HOD will take proactive steps for academic growth of the department and college. He/she prepares and implement time-tables, improving teaching-learning process, maintaining high standards of results, projects, placements, student engagements and contribution, collaboration among senior and junior students and faculties.

Professor:

Professor is committed for development of curriculum and laboratories, project proposals for funding in areas of R & D work and guide research of masters and PhD Candidates.

Associate Professor:

He will be assigned with the responsibility of teaching including laboratory development and academic activities such as class review, committee member, invigilator, assistance in conducting seminars, workshops, guest lecturers etc.

Assistant Professor

He will be assigned with the responsibility of teaching including laboratory instruction and academic activities such as Class Review Committee member, invigilator, Lab-In-charge, Coordinator (Attendance), assistance in conducting seminars, workshops, guest lecturers.

Manager –Administration

Manager –Administration is principal administrative officer of the institute to regulate the work

and conduct of the officers and other non-teaching employees of institutions in accordance with the rules and regulations of society/trust. It shall be the duty of the Manager –Administration to maintain cordial public relations. Manager-Administration will be empowered with (Rs.5000) for purchase in emergency.

Standard Operating Procedure (SOP) of SRICT

The objective for preparation of SOP Manual is to streamline the operations of the College and bring standardization and uniformity in policies and procedures.

- (a) Organization Structure and Delegation of Power.
- (b) Funds Management and Budget and Budgetary Control.
- (c) Policies and procedures of various operations / activities.
- (d) Time adherence.
- (e) Accounting and Management Information Reports.
- (f) Audit

Service Rules of SRICT

The objective for preparation of Service Rule is to provide enough information to SRICT employee regarding pay scale and other benefits provided by SRICT to employee. Some examples include Timing Circular, Leave Policy, Faculty Industry Training, Salary Fixation and Appraisal, TA & DA policy, Consultancy etc.

Grievance redressal mechanism

Grievance redressal cells have been in operation to address the concerns of one and all for keeping the moral of employees high. All grievances of staff and students are addressed immediately. These grievances are heard and immediate appropriate action is taken as per the need of the issue. There is a Grievance Redressal Committee that looks into major or serious grievances.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document
Link to Organogram of the Institution webpage	View Document

6.2.3 Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Response: C. 2 of the above

File Description	Document
Screen shots of user interfaces	View Document
Details of implementation of e-governance in areas of operation, Administration etc	View Document
Any additional information	View Document

6.3 Faculty Empowerment Strategies

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

Response:

The institute has several welfare schemes for its teaching and non-teaching staff. Many staff have availed the benefit of such schemes in the last five years.

Faculty Development Measures

- MoUs with foreign Universities for joint projects and staff exchange programs
- English Proficiency Course for faculty and staff members.
- ANODE Lecture series by industry/Academic experts
- Every discipline has senior persons from industries & research organizations as a technical mentor
- Joint collaboration with leading industries for projects and faculty training
- Support for higher studies including doctoral research
- Periodic Medical Check Up for Employees

Awards / Incentives:

- Reimbursement of expenses towards travel by train/air and accommodation per day for attending programs on deputation.
- Faculty Skill Certification and Patent fees fully borne by the Institution
- Gratuity after successful completion of 5 years of service

General Welfare Schemes:

- Provident fund and family pension scheme
- Personal Accident Insurance and Group Life Insurance
- 10 days Casual Leave, 5 days Sick Leave, 10 days Professional Leave and 2 days Optional Holidays Leave, Special Disability Leave, Sabbatical Leave, Maternity Leave etc. is granted as per the leave policy approved by the Managing Committee.
- 3 Weeks summer vacation

Welfare measures for non-teaching staff

- 10 days Casual Leave, 5 days Sick Leave, 2 days Optional Holidays Leave, Special Disability Leave, Maternity Leave, etc. is granted as per the leave policy approved by the Managing

Committee

- Benefit of Earned Leave.

File Description	Document
Upload any additional information	View Document

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 21.82

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

2018-19	2017-18	2016-17	2015-16	2014-15
6	38	21	8	7

File Description	Document
Upload any additional information	View Document
Details of teachers provided with financial support to attend conference, workshops etc during the last five years	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 0.4

6.3.3.1 Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	1	0	1

File Description	Document
Upload any additional information	View Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	View Document

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 31.79

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

2018-19	2017-18	2016-17	2015-16	2014-15
16	28	20	27	27

File Description	Document
Upload any additional information	View Document
Details of teachers attending professional development programmes during the last five years	View Document

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

Response:

A well-defined system for faculty appraisal is followed in the institute. This may be a valuable process for both the institute and the faculty, as it enhances communication channels and thereby establishing a constructive dialogue between the appraisers and the appraised.

The faculty members are expected to:

1. Provide periodical reports that correspond to their teaching and learning activities and cater to the needs of all instructional and mentoring responsibilities as specified in the policies and procedures.
2. Participate in scholarly and research activities which enhance their professional development.
3. Assist the department, institute and university committees.

4. Afford professional services to the university and community.

Implementation and Effectiveness of Faculty Appraisal System

A well-defined system for faculty appraisal is followed in the institute. This may be a valuable process for both the institute and the faculty, as it enhances communication channels and thereby establishing a constructive dialogue between the appraisers and the appraised.

The faculty members are expected to:

1. Provide periodical reports that correspond to their teaching and learning activities and cater to the needs of all instructional and mentoring responsibilities as specified in the policies and procedures.
2. Participate in scholarly and research activities which enhance their professional development.
3. Assist the department, institute and university committees.
4. Afford professional services to the university and community.

Implementation and Effectiveness of Faculty Appraisal System

The performance appraisal is conducted at the end of every academic year. An effectively designed

Performance Appraisal Form is provided to every faculty member for self-evaluation. The weightage of the parameters in the Self-Appraisal Form vary for Doctorates and Professors, Associate and Assistant Professors. Individual faculty's contribution to academic, administrative and research is filled by the faculty in their self-appraisal form. The assessment is done based on the self-appraisal evaluation and remarks of the reporting authority. The reporting authority may be HoD or Principal. Suggestions and feedback are given to improve their contribution in the subsequent year. This Performance Appraisal System has revealed an opportunity for every faculty member to know their strengths and weaknesses. The accomplishment of this evaluation process is the development of the institution along with self-growth of every faculty member. The feedback for each faculty, department wise is taken, formatted and sent to HoD with a copy to the Principal. The HoD discusses this with the faculty on one on one basis and appreciates or counsels depending on his/her feedback. If the faculty has not met the commitments, they will be called and mentored by the Principal for improvement. The remarks of the reporting authority are considered for increments. The system has been implemented successfully for the past ten years and found to be more effective to enrich the credentials of the faculty members.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

The institute conducts various types of audits of the accounts i.e. Internal and Statutory Audit.

Internal Audit

Managing Committee shall appoint a firm of Chartered Accountant to carry out Internal Audit of transactions of the Institutes of the Trust.

Scope

The audit will be carried out in accordance with the Standards of Auditing and will include such tests and controls, as the auditor considers necessary under the circumstances.

The scope of work of Internal Audit shall mainly include:

- a) Continuous appraisal of various operating systems of the Society to ensure that adequate in built controls exist in carrying out different activities with necessary financial discipline.
- b) Examination as to adherence to rules and procedures of the Society by all concerned.
- c) Checking of cash, bank, expense and journal transactions to ensure:
 - Transactions are recorded in principles of commercial accounting and are booked to proper accounting heads.
 - Transactions are undertaken on the basis of proper authority.
 - Transactions are duly supported by proper supporting documents.
 - Propriety of the transactions.
- d) Checking the maintenance of books of accounts and records.
- e) Checking the bank reconciliation statements
- f) Checking of investments, short term deposits etc. made by the authority from time to time.
- g) Checking of components wise, category-wise and account head-wise expenditures.

- h) Checking of compliance of various taxes.
- i) Checking of budgetary control report on half yearly basis.
- j) Assigning of funds management of the authority.
- k) Suggesting revision in forms and formats from time to time.
- l) Physical verification of cash on quarterly basis and fixed assets on yearly basis.
- m) Coordinating the audit work with statutory and government auditors for ensuring smooth and timely completion of respective audits.

Reporting

- The auditors shall report directly to the Managing Committee of the College and Board of the Society.
- Periodicity of the audit and its reporting shall be approved by Managing Committee of the college / Board of the Society
- The summarized report shall be placed before Governing Body/ Managing Committee.

Compliance

- Accountant shall arrange to comply with the issues raised by the auditors within two weeks from the receipt of report and send compliance to the principal of the college.
- Principal shall review the compliance and after being satisfied forward the same to auditors for their perusal.
- On receipt of auditor's confirmation about satisfactory compliance the report shall be considered as closed.

Statutory Audit (Audit under Bombay Public Charitable Trust Act, 1952)

- Society is registered under Bombay Public Charitable Trust Act, 1952 and hence the accounts are required to be audited by Chartered Accountants appointed by the Society.
- The Statutory Auditors appointed by Society shall submit the report to the Board of the Society.
- Any issue reported by Statutory Auditors should be brought to the notice of Governing Body/ Managing Committee and complied by Trustees of the Society / Principal of the college.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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

Response: 212.84

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

2018-19	2017-18	2016-17	2015-16	2014-15
212.84	0	0	0	0

File Description	Document
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	View Document
Annual statements of accounts	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Adequacy of budget allocation

Budget requirements will fall under heads of 'recurring' and 'non-recurring'. Principal will discuss with Head of Departments about Budget requirement for respective academic year. Thereafter, Principal will discuss with Vice Chairman for requirement and then it will represent in to SRICT management for approval. Members of SRICT management will discuss during the meeting and allocate fund based on Academic and Administrative Requirement. SRICT management also allocate separate fund for development of infrastructure and/or additional facilities in the institute. Principal will inform to Head of Departments about approved budget and utilization allocation fund as per SOP of SRICT.

Process of Budget Utilization

All the Heads of the departments are intimated about the quantum of the funds which are going to be allocated against the budget proposals given by them. Major works like construction, up gradation of existing infrastructure, procurement and maintenance of common utilities, house-keeping, procurement of furniture, etc. are controlled directly by Account Section, Principal, Vice-Chairman and Honorary Treasurer of institute.

For utilization of allocated funds, faculty /staff members are requested to submit their requisition to purchase coordinator of department in order to create final PR in the system software which is subject to approval by Head of department. After approval by H.O.D., the PR is brought to the Store Manager for the scrutiny and his approval. Thereafter, final approval is made by the Principal. After approval of PR by Principal, Purchase team will process ahead to formulate Purchase Order for purchasing the materials from the approved vendor if items belonging to ARC. If the items are not covered to ARC, a quotation is invited from vendor. Purchase team will negotiate with vendor for both technical and commercial discussion. Purchase team will take approval of authority and generate purchase order and purchase order is sent to the vendor along with an intimation to the concern department and store for receiving delivery of materials and payment process.

After delivery of material at institute, store department is to register materials under GPR and create GIR for inspection. After completion of inspection of material by concerned faculty members, it is to be delivered to respective department for utilization.

Table 6.4.3: Optimal Utilization of budget allocation

Sr. No.	Assessment Year	Budget Allocation in (Rs.)	Actual Expenditure in (Rs.)	P
1	2019-20 (till 31/12/2019)	178536000	121241000	
2	2018-19	157702000	156735000	
3	2017-18	180055000	178072893	
4	2016-17	150657000	135311249	

6.5 Internal Quality Assurance System

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

Response:

Internal Quality Assurance Committee (IQAC Cell) was established at SRICT in line with necessary requirements. The main objective is to develop a system for consistent and planned action to improve academic and administrative performance of the institute, therefore by ensuring continued academic excellence. The goals of IQAC are:

1. To ensure continuous improvement in the entire operation of the institution
2. To ensure that SRICT is accountable to all its stake holders for its own quality.

There are many initiatives such as Monthly Information System (MIS) meeting, Management Committee meeting, One to One meeting of Vice Chairman with students, Research & Development meeting (R&D) etc. Out of many, two are explained here:

1. Introduction of Monthly Information System (MIS) meeting:

MIS meeting is a regular activity of SRICT wherein Vice Chairman, Principal & Vice Principal interacts with all HoDs and senior faculties and takes report of the activities of the month which includes academics, attendance, discipline, curricular and co-curricular activities, accreditation, placement, consultancy, R&D etc. New thoughts are churned and accordingly the strategies are planned. The meeting members express their opinions in the department meetings where the department policies and future strategies are finalized. After the meeting, minutes of meeting (MoM) are conveyed to each attendee for necessary actions.

1. Introduction of Research & Development (R&D) Meeting:

SRICT management is always supportive to inculcate R&D culture within students and faculties. Because they know that R&D activities are the key for progress in academic and society. As a part of it, many of the faculties are involved in the R&D projects offered by reputed industries. A monthly follow up is taken through scheduling a meeting by R&D coordinator of the institute with Vice Chairman, Principal, Vice Principal, all HoDs, involved faculty members and research assistants. Every investigator presents the progress of project assigned to him/her. It is a great platform for exchanging technical knowledge wherein brainstorming activity among all members takes place. Minutes of meeting (MoM) are shared by R&D coordinator to each attendee for necessary actions and records.

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

incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)

Response:

1. Introduction of 5S slot in Academic Schedule:

IQAC team proposed to include a unique initiative '5S-At SRICT' in academic schedule. SRICT is the first educational institute to implement 5S.

5S is the name of a workplace organization method that uses a list of five Japanese words:

1. SEIRI i.e. Sort
2. SEITON i.e. set in Order
3. SEISO i.e. Shine
4. SEIKETSU i.e. Standardize
5. SHITSUKE i.e. Sustain

5S is a simple, systematic method of creating working environment in such a way that it leads to improve productivity and quality, reduction in wastage of materials and inventories, enhanced safety and ultimately motivated and enthusiastic human force.

Thus, 5S is an integrated concept for proper work place management. In fact, it is a gateway and basic requirement and also foundation for any further improvement. It has a close linkage with overall performance of organization in terms of quality development in all aspects.

A separate 1 hour slot is allotted in a week in academic schedule to perform 5S related works in which faculty as well as students take care of the subzones allotted to them. Also there are internal as well as external audits performed by 5S coordinator and external expertise respectively.

2. Introduction of Student Mentoring System at SRICT:

A mentoring system for the students is implemented with the participation of the faculty members in the ratio of 15 to 20 students to each faculty. The motto behind starting the initiative is to take care of each and every student personally. Each and every faculty maintains the record of complete students' profile. A schedule is made periodically for monitoring the students' performance. A mentor meets his/her assigned students once in a week. Students interact freely with mentor and inform about their academic progress, attendance, complaints if any, suggestions etc. In addition to the curriculum, the extra-curricular and co-curricular activities are also considered for mentoring.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.5.3 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements
2. Collaborative quality initiatives with other institution(s)
3. Participation in NIRF
4. any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

Response: C. 2 of the above

File Description	Document
Upload e-copies of the accreditations and certifications	View Document
Upload details of Quality assurance initiatives of the institution	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

Specific facilities provided for women in terms of:

1. Safety and security
2. Counselling
3. Common rooms

1. Safety and security

- Women Development Cell is in place.
- CCTV camera facility available in all the places of the campus to monitor the safety and the security of the girl students.
- Transportation facility available from Surat, Vadodara, Kosamba, Kim, Bharuch and Ankleshwar for students and staff members.
- Separate hostel for girls in college campus.
- Van is available in college for 24 hours for any emergency.
- Security guards available for 24 hours at the gate of the college. They keep the records of every vehicle in and out data with date and time.
- For visiting person, gate pass is issued from security cabin.
- Helmet is compulsory for all the students came with two wheeler vehicle. If they have not carried helmet then they are not allowed in college campus with his/ her vehicle.

1. Counselling

- AEGIS student mentoring system is implemented at SRICT on second and fourth Wednesday of every month. Students discuss with their respective mentor regarding academics. Faculty mentor keep the data in record and if students have any issues related to admin, academics etc then mentor send it to AEGIS departmental coordinator. Departmental coordinator sends this to concern person.

1. Common Rooms

- Girls' common room is available on first floor, phase- 1.

File Description	Document
Link for specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	View Document

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

1. Solar energy
2. Biogas plant
3. Wheeling to the Grid
4. Sensor-based energy conservation
5. Use of LED bulbs/ power efficient equipment

Response: C. 2 of the above

File Description	Document
Geotagged Photographs	View Document

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

Response:

- Solid waste management

1. Separate dustbins i.e. biodegradable and non-biodegradable dustbins are available in the campus at various locations.
2. Crusher machine is available in the college canteen for primary treatment of canteen waste.

- Liquid waste management

1. Sprinklers are used in the garden to prevent water wastage.

- Hazardous chemicals and radioactive waste management

1. Laboratory effluent is generated from the laboratories during daily routine work. ETL Company

arranges tanker and disposes it to their plant for appropriate treatment. No radioactive waste is produced.

File Description	Document
Any other relevant information	View Document
Link for Relevant documents like agreements/MoUs with Government and other approved agencies	View Document
Link for Geotagged photographs of the facilities	View Document

7.1.4 Water conservation facilities available in the Institution:

1. Rain water harvesting
2. Borewell /Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling
5. Maintenance of water bodies and distribution system in the campus

Response: D.1 of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document
Any other relevant information	View Document

7.1.5 Green campus initiatives include:

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

Response: D. 1 of the above

File Description	Document
Geotagged photos / videos of the facilities	View Document
Any other relevant documents	View Document

7.1.6 Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives:

- 1.Green audit
- 2.Energy audit
- 3.Environment audit
- 4.Clean and green campus recognitions / awards
- 5.Beyond the campus environmental promotion activities

Response: E. None of the above

7.1.7 The Institution has disabled-friendly, barrier free environment

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

Response: C. 2 of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

- Days are celebrated in the college like signature day, Professional day, Mis-match day, traditional day etc
- Restricted Holidays are given to the faculties. Two RH are given to the faculties to celebrate their holy festival in a year.
- Vishwakarma Pooja is celebrated on the Engineer's day every year in SRICT.
- Before a Diwali vacation, Sweets and small gift is given to each and every staff member and housekeeping workers as a token of love to celebrate the festival.
- For natural calamities, SRICT students and staff members are always ready to help. During Kerala flood, the consignment of medicines worth Rs 2 lakh for Kerala flood affected has been sent with the combine efforts of staff members, students and E Rotary club of Ankleshwar.
- Kite flying celebration day was celebrated on 12th January, 2018 for duration of 1 hr 30 minutes. Some of the Alumni students also participated in Kite flying celebration.
- Revafest- Cultural festival of SRICT organized every year. Different performances of dance, mime and songs reflect the subject of cultural, regional and communal socioeconomic.

Sr No	Date of the event	Name of the event
1	01/04/2019	Revafest
2	19/02/2019	Signature Day

3	20/02/2019	Mis-match Day
4	21/02/2019	Professional Day
5	22/02/2019	Traditional Day
6	03/04/2018	Revafest
7	12/01/2018	Kite Flying Celebration
8	15/09/2018	Vishwakarma Pooja
9	03/04/2018	Revafest
10	15/09/2017	Vishwakarma Pooja
11	31/03/2017	Revafest
12	15/09/2016	Vishwakarma Pooja
13	19/03/2016	Revafest
14	15/09/2015	Vishwakarma Pooja

File Description	Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document
Link for any other relevant information	View Document

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

- Blood donation camp is organized in the institute for the students and the staff members every year. Average 250 blood bottles are collected.
- Orientation program is arranged every year for the first year students.
- Anti-ragging committee is formed in college campus and the committee members are active in campus.
- Indian Constitution subject is offered in 3rd semester for all branches by the Gujarat Technological University.
- Road safety lectures arranged at SRICT for all the students and staff members by safety team of the industry United Phosphorous Ltd.
- Thalassemia check-up for all the first year students are arranged in the college only with zero cost to the students.
- Staff members and students tribute to soldiers, who lost their lives in Pulwama attack with the silence of two minutes on 16th February, 2019.
- Safety prevention lectures are arranged in SRICT where expert from the industry give his/her lecture. Thereafter gave a live demonstration of different types of fire extinguisher to put of live fire.

File Description	Document
Link for details of activities that inculcate values necessary to render students in to responsible citizens	View Document

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

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

Response: E. None of the above

File Description	Document
Code of ethics policy document	View Document

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

The college celebrates days and festivals through the following:

Sr No	Date of the event	Name of the event
1.	21/06/2019	Yoga Day
2.	05/06/2019	Environment Day
3.	26/01/2019	Republic Day
4.	15/08/2018	Independence Day
5.	1/06/2018	Yoga Day
6.	26/01/2018	Republic Day
7.	18/09/2017	Ozone Day
8.	15/08/2017	Independence Day
9.	21/06/2017	Yoga Day
10.	26/01/2017	Republic Day
11.	15/08/2016	Independence Day
12.	21/06/2016	Yoga Day
13.	26/01/2016	Republic Day
14.	15/08/2015	Independence Day
15.	21/06/2015	Yoga day
16.	26/01/2015	Republic Day
17.	15/08/2014	Independence Day

File Description	Document
Link for Geotagged photographs of some of the events	View Document
Link for Annual report of the celebrations and commemorative events for the last five years	View Document

7.2 Best Practices

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

Response:

Practice No 1. One to one meeting of students with Vice Chairman

Title of the practice: One-to-One meeting of students with Vice Chairman

Objectives of the Practice:

- To motivate the students to improve their academic performance.
- To monitor academic performance and teaching-learning process.

The Context:

- Students in the colleges came from different surrounding regions. It takes much travelling time for the students from Surat and Vadodara so they have less time of study hours.
- Some of the slow learner/ weaker students not able to cop up with the class. So it's a challenging task that how to deal with weaker students.

The Practice:

- One to one meeting is scheduled on regular basis in every semester/ every year.
- Email of the meeting is sent to the head of the department by principal. Each head of the departments convey the meeting schedule to the class coordinator and they informed to the students.
- The meetings start with the general discussion of the regular semester study and activities. Students openly admit their views for academic, facilities in campus and any of the hurdles which they are facing. Progress of the students are reviewed like attendance till the day in the semester, result of mid semester, result of class test if any, real time study hours after college hours at home or hostel etc.
- Identifying the needs of the students and allowing them to participating in technical festivals as well as cultural festival at other colleges so as to enhance their individual growth and employability.
- The forum activities are planned with the presence of students; each meeting conveyed has an agenda, deliberation, resolution and action taken.
- The major limitation of the practice is that the students committing for the study hours after

completion of college is not justified. Actual number of hours may be different from commitment.

Evidence of Success:

- The forum activities are planned with the presence of students; each meeting conveyed has an agenda, deliberation, resolution and action taken. The evidence of success is reflected with students receiving appreciation awards in inter-college, university and other rallies events, students are well trained to achieve these goals. By the end, eligible students have 100% job placement.
- Students are rewarded with cash prize and certificate in the felicitation program held after result of every semester. In summer 2016 university examination, 100% result was achieved by the college and college secured 1st rank in Gujarat Technological University for admission batch 2012.

Problems Encountered and Resources Required:

- NA

Practice No 2. Five- S

Title of the practice: Five S

Objectives of the Practice:

- To achieve total organization, cleanliness and standardization in workplace
- To develop team spirit among all.

The Context:

- The students passing from SRICT will be aware of the concept and the application and implementation 5S principles will be smoother at their places of work which leads to sustainability.

The Practice:

- SRICT has been observing “5S Wednesdays” in institute to involve all the members of SRICT including students, staff, faculty, housekeeping staff, security staff etc.
- A uniform slot on Wednesday is incorporated in academic timetable of institute.
- All 1300 members including Head of institute have been doing predefined Five S activities in these 5S slots with great zeal which is a tremendous achievement of the institute as all are working in a team for their institute under the banner of Five S.
- All Five S projects are being done with great participation of students at SRICT which is indeed a real practice of 5S ever with an incredible involvement of such a big mass of youth.
- This will lead towards a great culture in the society by the way of self-development and self-discipline.
- Being an educational institute, this is really a movement towards developing a good and responsible human being.

Evidence of Success:

1. A certification audit by QCFI, India has been conducted on 26th April 2014 and SRICT is declared as India's first 5S certified engineering college.

2. Awards at NCQC 2020

Event	Participants	Branch /Sem	Prize
5S Case Study Presentation	Aditya Chaumal	CT/6	Par Excellence Award
	Punit Patel	CT/8	
	Vanshika Rana	EST/6	
Poster Competition	Dhruvil Shah	CE/8	Best Poster
Slogan Competition	Drasti Chaudhary	EST/8	Best Slogan
Skit Competition	Aditya Chaumal	CT/6	Consolation Prize
	Punit Patel	CT/8	
	Vanshika Rana	EST/6	
	Shatayu Deshpande	CT/6	
	Ishwar Jadhav	CE/8	
	Drasti Chaudhary	EST/8	

1. Awards at ACCQC 2019

Sr.No.	Event	Team	Participants	Award
1	5S Case Study	Jagruti	Aditya Choumal (CT Sem 5)	GOLD
			Punit Patel (CT Sem 7)	
			Vanshika Rana(EST Sem 5)	
2	5S Case Study	Sanskriti	Mahima Chaudhary(EST Sem 7)	SILVER
			HitarthiKardani(EST Sem 5)	
			DivyaMaisuriya (EST Sem 7)	
3	Skit	Parivartan Se Prashikshan	Aditya Choumal (CT Sem5)	1st Prize: Received Vyangika Trophy
			Punit Patel (CT Sem 7)	
			Vanshika Rana(EST Sem 5)	
			Ishwar Jadhav(CE Sem 7)	
			Drashti Chaudhary (EST Sem 7)	
			Shatayu Deshpande(CT sem5)	
4	Slogan		Punit Patel (CT Sem 7)	1st Prize
			Aditya Choumal (CT Sem5)	2nd Prize
5	Essay			
6	Poem		Punit Patel (CT Sem 7)	2nd Prize

1. Awards at ACCQC 2018

Sr.No.	Event	Team	Participants	Award
1	5S Case	Brilliance	Priyank Natraj(CT Sem 7)	GOLD

	Study		Kajal Patel(CT Sem 7)		
			Aishwarya Nair (CT Sem 7)		
2	5S Case Study	Excellence	Shrushti Patel(CT Sem 7)	GOLD	
			Maitri Patel(CT Sem 5)		
			Pooja Patel (CT Sem 5)		
3	5S Case Study	Genius	Aditya Chowmal (CT Sem3)	GOLD	
			KoshikaTomar (CT Sem 5)		
			Punit Patel (CT Sem 5)		
4	Skit	5S Janata Party	Aditya Choumal (CT Sem3)	1st Prize	
			Punit Patel (CT Sem 5)		
			Vanshika Rana(EST Sem 3)		
			Ishwar Jadhav(CE Sem 5) 5)		
			Drashti Chaudhary (EST Sem 5)		
			Rohit Yadav(CT sem 3)		
			Chetna Verma(CE Sem 3)		
5	Essay	NA	Himanshu Tripathi(EST Sem 3)	2nd Prize	
6	Poem	NA	Sachin Chauhan(EE Sem 5)	3rd Prize	
			KoshikaTomar (CT Sem 5)	Encouragement Prize	
7	Poster	NA	Jigar Mehta(EE Sem 5)	Encouragement Prize	
8	Slogan	NA	Pooja Patel (CT Sem 5)	3rd Prize	
			KoshikaTomar (CT Sem 5)	Encouragement Prize	

1. Awards at ACCQC 2017

- Case Study Presentation
 - Team : Jagruti (Gold Award)
 - Team : Pragati (Gold Award)
 - Team : Darpan (Gold Award)
 - Team : Sarvottam (Silver Award)
 - Team : Prabhav (Silver Award)

Team "JAGRUTI" is declared as the BEST AQC team out of 80 teams from different industries and awarded SARVOPARITA TROPHY.

Also, 3rd Prize received by Mr. Pratik Ojha (EE Sem 7) for Slogan and Poem Competition.

1. Awards at ACCQC 2016

- Case Study Presentation
 - 5S At SRICT@ Mechanical Workshop (Gold Award)
 - 5S At Home (Gold Award)
 - 5S At SRICT@ Electrical Department (Silver Award)

1. Awards at ACCQC 2015

- Case Study Presentation
 - Implementation and progress of 5S in CHEMICAL Technology Department: SRICT (Gold)

Award)

- 5S Less-Paper-practices: SRICT(Gold Award)

1.Awards at ACCQC 2014

- Case Study Presentation
 - 5S at SRICT Canteen (Silver Award)
 - 5S at Home (Silver Award)
 - 5S and its impact on students (Bronze Award)

1.Awards at ACCQC 2013

- Case Study Presentation
 - 5S Concept at SRICT (Gold Award)

1.Participation in International Convention

A technical paper of SRICT titled as “JOURNEY OF 5S AT TECHNICAL EDUCATIONAL INSTITUTE SRICT” presented by Dr. Purvi J Naik (5S coordinator SRICT) on 14-10-14 at ICQCC 2014 held in Sri lanka& has been recognized by SILVER AWARD for this presentation.

1.Participation in national Conclave

Dr. PURVI J NAIK, Associate Prof &5S coordinator-SRICT has represented the“5S CONCEPT AT SRICT” at a national level 5S CONCLAVE held at CHENNAI by QCFI, CHENNAI chapter on 14th Sept 2013.

Problems Encountered and Resources Required: NA

File Description	Document
Link for Best practices in the Institutional web site	View Document

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Response: A healthy relationship with the industries

1. IND SRICT

- In order to develop a healthy relationship with industries, SRICT believes that IND SRICT is played a better role. IND SRICT is a unique feature of the college. In IND SRICT, dedicated faculties have assigned industries where faculty visit that concern industry once in every three months.

1. Summer Training

- For providing practical exposure to the students, summer implant training is compulsory for students after completion of 6th semester for one month.
- One faculty mentor is assigned for one industry department wise. Faculty mentor visit that industry once to take a feedback of student from the industry mentor.

1. Industrial Visit

- In every semester, three industrial visits are arranged for every semester. So each student visits 24 different industries in entire four years. Transportation is provided by the college.
- Visit is arranged related to their regular semester courses.
- Faculty member accompanies the students and they discuss the doubts with trainer of the industry during the visit.

1. Placement

- Placement in core companies is a unique feature of SRICT. Every eligible student gets the job. It is possible only because of the good contacts and relations with the industries.
- For every eligible student, 100% placement is achieved till all the batches.

1. Expert lecture

- In every semester, different four expert lectures are arranged from different industries related to the course. So each student attends 32 industry expert lectures in four years. Meeting of the students and faculties with different orators of different companies develops healthy relations with industry persons.

1. Research & Development

- One R&D meeting is done in every month, where assigned faculties presented their work progress and difficulties if any in the presence of vice chairman.
- Faculties of all the departments are involved in research and development.

- Year wise amount sanctioned for R&D from different industries are as follow:

Year	2014-15	2015-16	2016-17	2017-18	2018-
INR in Lacs	43.09	46.78	98	53.91	45.65

1. Refresher Course

- One day refresher course arranged regularly department wise in the college. Experts are from the industries and participants are also from the different industries.

1. Memorandum of Understanding (MOUs)

- It is formal agreement between two parties i.e. organization and industry. Students get the benefit of the industries with whom MOUs are done in terms of summer training, industrial visit, expert lecture, placement etc. Faculties also benefitted in terms of research and development as well as faculty industrial training.

File Description	Document
Link for appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

Major Promoters of Institute

Principal Supporter : UPL LIMITED /SHROFF FAMILY	
Sajjan India Ltd	Department of Chemical Engineering
Zydus Cadila Ltd	Department of Pharmaceutical Technology
GRP Ltd	Department of Polymer & Rubber Technology
Colourtex Ltd	Department of Dyes & Pigment Technology
BEIL Infrastructure Ltd. (Formerly Known as Bharuch Enviro Infrastructure Ltd)	Department of Environmental Science & Technology
Gharda Chemicals Ltd	Gharda Technical Library
<ul style="list-style-type: none"> • Rotary Clubs of RI District 3060 • Ankleshwar Rotary Welfare Trust. • Jhagadia Industries Association 	

Concluding Remarks :

SRICT, since beginning, has been always a forward looking and focused institute. The process of teaching and learning, the research program, and the endeavours of personality development are all oriented towards industry perspective. The lookout for the social activities and extending a helping hand to the poor, under privileged or tribal students has always been kind and generous. The disciplines stated at the institute at the B.E. level are clean indicators of the industry focus of SRICT. The surrounding region of SRICT is replete with pharmaceutical, dyes, polymer, rubber, glass, ceramics, and the other quite specialized chemical industry. SRICT started their technology courses for the first time in Gujarat. This has created a symbiotic effect- industry is able to employ appropriately trained work force and the institute is able to utilize the practical technical knowledge of the experienced industry working personnel.

For last almost ten years SRICT is able to create its locus standi in Gujarat owing to its disciplined academic program, generous attitude towards students, and continuous industry interaction. Over the period of time SRICT has also developed its unique features, such as FIVE 'S' workplace management , One to One counselling to students , and following government rules and regulation. In coming times SRICT will certainly come out as a herald of techno-social model of academic attributes.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.2.2	<p>Number of Add on /Certificate programs offered during the last five years</p> <p>1.2.2.1. How many Add on /Certificate programs are offered within the last 5 years. Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>6</td> <td>6</td> <td>4</td> <td>2</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> </tr> </tbody> </table>	2018-19	2017-18	2016-17	2015-16	2014-15	5	6	6	4	2	2018-19	2017-18	2016-17	2015-16	2014-15	1	1	1	1	1
2018-19	2017-18	2016-17	2015-16	2014-15																	
5	6	6	4	2																	
2018-19	2017-18	2016-17	2015-16	2014-15																	
1	1	1	1	1																	
1.2.3	<p>Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years</p> <p>1.2.3.1. Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>486</td> <td>648</td> <td>761</td> <td>879</td> <td>611</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>215</td> <td>262</td> <td>294</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	2018-19	2017-18	2016-17	2015-16	2014-15	486	648	761	879	611	2018-19	2017-18	2016-17	2015-16	2014-15	215	262	294	0	0
2018-19	2017-18	2016-17	2015-16	2014-15																	
486	648	761	879	611																	
2018-19	2017-18	2016-17	2015-16	2014-15																	
215	262	294	0	0																	
3.1.1	<p>Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)</p> <p>3.1.1.1. Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs) Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>9.76</td> <td>6.00</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>9.76</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	2018-19	2017-18	2016-17	2015-16	2014-15	9.76	6.00	0	0	0	2018-19	2017-18	2016-17	2015-16	2014-15	9.76	0	0	0	0
2018-19	2017-18	2016-17	2015-16	2014-15																	
9.76	6.00	0	0	0																	
2018-19	2017-18	2016-17	2015-16	2014-15																	
9.76	0	0	0	0																	

Remark : DVV has made the changes as per total amount of grants has not proper reflect for 2017-18 provided by HEI.

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

3.3.2.1. Number of research papers in the Journals notified on UGC website during the last five years.

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
7	3	2	2	2

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
1	0	0	0	0

3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
17	11	11	6	3

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
17	10	11	6	3

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
218	276	301	257	201

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15

101	166	301	102	84
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4.1.3 **Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)**

4.1.3.1. Number of classrooms and seminar halls with ICT facilities

Answer before DVV Verification : 29

Answer after DVV Verification: 27

Remark : DVV has made the changes as per the photographs with ICT facility Provided by the HEI.

4.1.4 **Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)**

4.1.4.1. **Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)**

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
496.49	518.9	96.09	484.26	585.96

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
494.02	518.90	95.79	477.75	185.17

Remark : DVV has made the changes as per addition of fixed assets excluding Library books duly signed by CA.

4.2.2 **The institution has subscription for the following e-resources**

1. e-journals
2. e-ShodhSindhu
3. Shodhganga Membership
4. e-books
5. Databases
6. Remote access to e-resources

Answer before DVV Verification : B. Any 3 of the above

Answer After DVV Verification: D. Any 1 of the above

Remark : DVV has made the changes as per provided report of subscriptions by HEI.

4.2.3 **Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)**

4.2.3.1. **Annual expenditure of purchase of books/e-books and subscription to journals/e-**

journals year wise during last five years (INR in Lakhs)

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
8.03	16.79	16.22	96.75	25.28

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
2.48	00	0.31	6.52	14.59

Remark : DVV has made the changes as per addition of library books and library software duly certified by CA shared in 4.1.4.

4.2.4 **Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the last completed academic year**

4.2.4.1. Number of teachers and students using library per day over last one year

Answer before DVV Verification : 63

Answer after DVV Verification: 0

Remark : DVV has made the changes as per the given input provided by the HEI.

4.4.1 **Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)**

4.4.1.1. **Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)**

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
771.948	742.72	283.19	640.43	717.26

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
59.79	38.27	29.09	35.65	30.67

Remark : DVV has made the changes as per expenditure of Web Maintenance, Repair and Maintenance and Garden Maintenance in Income and Expenditure duly signed by CA.

6.2.3 **Implementation of e-governance in areas of operation**

1. **Administration**
2. **Finance and Accounts**

3. Student Admission and Support**4. Examination**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: C. 2 of the above

Remark : DVV has made the changes as per the report provided by the HEI.

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

6.3.2.1. Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
7	49	28	11	10

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
6	38	21	8	7

Remark : DVV has made the changes as per shared receipt by the HEI. DVV has counted one teacher once for a year.

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

6.3.3.1. Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
15	15	10	8	8

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	1	0	1

Remark : DVV has not considered unsigned report by Principle.

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

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
212.84	2.692	4.405	0.235	2.5

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
212.84	0	0	0	0

6.5.3 **Quality assurance initiatives of the institution include:**

- 1. Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
- 2. Collaborative quality initiatives with other institution(s)**
- 3. Participation in NIRF**
- 4. any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

Answer before DVV Verification : B. 3 of the above
 Answer After DVV Verification: C. 2 of the above
 Remark : DVV has made the changes as per the report provided by the HEI.

7.1.4 **Water conservation facilities available in the Institution:**

- 1. Rain water harvesting**
- 2. Borewell /Open well recharge**
- 3. Construction of tanks and bunds**
- 4. Waste water recycling**
- 5. Maintenance of water bodies and distribution system in the campus**

Answer before DVV Verification : B. 3 of the above
 Answer After DVV Verification: D.1 of the above
 Remark : DVV has made the changes as per the report provided by the HEI.

7.1.7 **The Institution has disabled-friendly, barrier free environment**

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

Answer before DVV Verification : B. 3 of the above
 Answer After DVV Verification: C. 2 of the above
 Remark : DVV has made the changes as per the report provided by the HEI.

7.1.10 **The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.**

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

Answer before DVV Verification : D. 1 of the above
 Answer After DVV Verification: E. None of the above
 Remark : DVV has made the changes as per the report provided by the HEI.

2.Extended Profile Deviations

ID	Extended Questions																				
1.3	<p>Number of outgoing / final year students year-wise during last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>269</td> <td>295</td> <td>307</td> <td>258</td> <td>167</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>274</td> <td>312</td> <td>309</td> <td>258</td> <td>167</td> </tr> </tbody> </table>	2018-19	2017-18	2016-17	2015-16	2014-15	269	295	307	258	167	2018-19	2017-18	2016-17	2015-16	2014-15	274	312	309	258	167
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2018-19	2017-18	2016-17	2015-16	2014-15																	
274	312	309	258	167																	
2.1	<p>Total number of classrooms and seminar halls</p> <p>Answer before DVV Verification : 32 Answer after DVV Verification : 28</p>																				
2.2	<p>Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>926.52</td> <td>866.33</td> <td>386.96</td> <td>740.51</td> <td>822.52</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>537.93</td> <td>477.16</td> <td>403.91</td> <td>318.50</td> <td>282.60</td> </tr> </tbody> </table>	2018-19	2017-18	2016-17	2015-16	2014-15	926.52	866.33	386.96	740.51	822.52	2018-19	2017-18	2016-17	2015-16	2014-15	537.93	477.16	403.91	318.50	282.60
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