YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution SHRI SHANKARACHARYA TECHNICAL CAMPUS

- Name of the Head of the institution Dr. P. B. Deshmukh

- Designation Director

- Does the institution function from its own campus? Yes

- Phone no./Alternate phone no. 07884088888

- Mobile no 9893369869

- Registered e-mail sstc@sstc.ac.in

- Alternate e-mail shimpys@gmail.com

- Address Junwani, Durg.

- City/Town BHILAI

- State/UT Chhattisgarh

- Pin Code 490020

2.Institutional status

- Affiliated /Constituent Affiliated

- Type of Institution Co-education

- Location Urban

- Financial Status   **Self-financing**

- Name of the Affiliating University   **Chhattisgarh Swami Vivekanand Technical University, Bhilai**

- Name of the IQAC Coordinator   **Dr. Shimpy Ralhan**

- Phone No.   **07024148633**

- Alternate phone No.   **9300002989**

- Mobile   **07024148633**

- IQAC e-mail address   **shimpys@gmail.com**

- Alternate Email address   **shimpy.ralhan@sstc.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year)   https://sstc.ac.in/AQAR-report-2019-20

4.Whether Academic Calendar prepared during the year?   **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://sstc.ac.in/Academic-Calendar-2020-21-even

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.06**	**2018**	**26/09/2018**	**28/09/2023**

6.Date of Establishment of IQAC   **24/04/2017**

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	**Nil**	**Nil**	**Nil**	**Nil**

8.Whether composition of IQAC as per latest NAAC guidelines   **Yes**

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

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

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?   **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report   No File Uploaded

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

- If yes, mention the amount

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

IQAC took initiative for submission of data to the NIRF Authorities in 2020-21 for getting a ranking for quality enhancement and institute is ranked consecutively for two years in the 251-300 band in 2020 and 2021.

Computer Science & Engineering, Civil Engineering, Electronics & Telecomm. Engineering UG programmes are accredited by NBA for & NBA Compliance submitted for 4 UG Programs Electrical Engineering, Mechanical Engineering, Electrical & Electronics Engineering and Information Technology.

Number of events including webinars, talks on relevant topics like NEP 2020, IPR, Faculty Development Programs on were organized under the aegis of IQAC.

UG programmes in the Emerging areas catering to the marketing needs have been sanctioned by AICTE in Artificial Intelligence, Artificial Intelligence & Machine Learning, Data Science, Big data Analytic and IOT. In addition, programmes for other emerging areas have been applied for.

Extensive social and extension activities done through NSS as a result of which our NSS unit has been conferred the NSS award for under Program Officers and NSS unit category by Ministry of Youth Affairs in 2021.

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

Plan of Action	Achievements/Outcomes
Ensure best performance in NSS & Sports	**We had National and State Level Achievements in NSS regularly and National and state levelAchievers in sports**
To establish a multi disciplinary IDEA Lab so as to promote entrepreneurship by providing a perfect eco-system.	**Our students have won 1st and 3rd positions inin Covacathon 2021 at IIT Palkaad with Kerala Start up mission, reached final round in First Edition of Toycathon, which is a testimony to culture of innovation and entrepreneurship prevailing at the institute.**

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

- Name of the statutory body

Name	Date of meeting(s)
Governing Body, Academic Council	**30/11/2021**

14.Whether institutional data submitted to AISHE

Part A

Data of the Institution

1.Name of the Institution	SHRI SHANKARACHARYA TECHNICAL CAMPUS
• Name of the Head of the institution	Dr. P. B. Deshmukh
• Designation	Director
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	07884088888
• Mobile no	9893369869
• Registered e-mail	sstc@sstc.ac.in
• Alternate e-mail	shimpys@gmail.com
• Address	Junwani, Durg.
• City/Town	BHILAI
• State/UT	Chhattisgarh
• Pin Code	490020
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Urban
• Financial Status	Self-financing
• Name of the Affiliating University	Chhattisgarh Swami Vivekanand Technical University, Bhilai
• Name of the IQAC Coordinator	Dr. Shimpy Ralhan

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• IQAC e-mail address	**shimpys@gmail.com**
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13.Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

Name	Date of meeting(s)
Governing Body, Academic Council	30/11/2021

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020-21	29/12/2021

15.Multidisciplinary / interdisciplinary

SSTC is a self financed institute affliated to Chhattisgarh Swami Vivekanand Technical University offering various programmes in disciplines of Engineering, Pharmacy, Management and Computer applications . The programmes offered in various streams gain a multidisciplinary status to the institution. The programmes offered have the courses which have specific credits. The courses are named as Core, Professional Elective, Open Elective, Skill based, and Value Based with specific number of credits to each course. All the PG Programmes and UG programmes have experiential learning in the form of Projects, Field visits, Study Tours, and Internships. The institution is limited in enabling multiple

entry and exits as the norms are decided by the university which approves each programme offered in the college. Students registered for research programmes are encouraged to carry out multidisciplinary research that would help in finding out appropriate solutions for the current issues and challenges. All the programmes have a non-major elective course in which the students of a particular programme are exposed to multidisciplinary education by choosing a course in a different domain.

16. Academic bank of credits (ABC):

As per the AICTE Training and Learning, (ATAL), Academy, all the students of the institute have registered and made their account in Academic Bank of Credits (ABC) portal. This is a regular practice for the stidents of the insrtitute.

17. Skill development:

The institute's vibrant internship programmes serve as catalysts for skill development. Successful startups are already appearing. The core principle of NEP. is being followed, in which degree holders are transformed into empowered individuals. The number of students choosing jobs continues to outnumber the number of empowered individuals who, with their innovation, will pursue start-ups. This is a cultural transition, and it will take time for a significant percentage of students to choose self employment. In terms of the skills required in industry, the students are well ahead of many of their peers. However, the process of improvement is ongoing, and the Institute strives for greatness slowly but gradually. Many AICTE-sponsored online courses have been completed by students and faculty members at the institute, and they have received certificates to improve their skills. The advancement in this field has been astounding.

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

A portion of the problem is currently being tackled by holding seminars and workshops on universal human values awareness and incorporating components of the problem into regularly scheduled professional ethics classes in accordance with university curricula. The remaining is planned after receiving feedback from those who have a stake in the matter and evaluating the resources available in terms of the existing faculty's level of expertise to deal with this necessity.

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

SSTC has adopted student-centered Outcome Based Education (OBE) since 2015 according to the Washington Accord's guidelines. According to David Kolb's famous article on Experiential Learning Model (ELM), to gain genuine knowledge from an experience, the learner must have four abilities: willingness to be actively involved, ability to reflect on the experience, analytical skills to conceptualise the experience, and decision making and problem solving skills. RIT's teaching-learning process emphasizes on experiential learning and building these four skills in students. Practicals, Internships, Field Projects, Industry Visits, etc. are adopted Experiential Learning techniques. The teaching learning process at SSTC is largely 'with' rather than 'for' the students, where teachers and students form a partnership and own the outcomes. SSTC's Participative Learning examples: Classroom interactions focus on building and supporting students' critical thinking autonomy through additional support and negotiation about topic and approaches. Students cooperate and exchange information and skills during project work. The Institute routinely organises conferences, seminars, and webinars where students can interact with experts and peers. Google Classroom is an LMS so students and teachers can stay connected and have academic discussions. Club activities include tournaments, workshops, and lecture series. Our mission is to "promote critical and innovative thinking and lifelong learning."Assignments with application-oriented real-life situations develop creativity, critical thinking, and problem solving. All students must complete projects. When feasible, explain concepts through case studies.

20.Distance education/online education:

Being an affiliated institution, the college offers only regular programmes. No programme is offered through online or distance mode. In its educational journey, the college has witnessed many phases of teaching learning process. Earlier, the most popular method used for teaching was chalk and talk method. In the recent times, the education industry has been completely digitalized with the advancements in Science and technology. Our college promotes the use of ICT in teaching learning process. The infrastructure and ICT facilities of the college are continuously augmented by our management to meet out the existing demands. The post Covid scenario has increased the use of many virtual platforms in teaching learning. Both the teacher and student community are now comfortable with many online tools for teaching. During the pandemic the institution has made the best

use of blended learning. Online exams, online quizzes, webinars, online assignments along with regular physical classes have been tried by the institution as a part of blended learning.

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**47**

File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	**3646**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**1019**

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	**1195**

File Description	Documents
Data Template	View File

3.Academic

3.1 Number of full time teachers during the year	**256**

File Description	Documents
Data Template	View File

3.2 Number of sanctioned posts during the year	**268**

File Description	Documents
Data Template	View File

4.Institution

4.1 Total number of Classrooms and Seminar halls	**141**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**370.52**
4.3 Total number of computers on campus for academic purposes	**3310**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

The Institute is affiliated to Chhattisgarh Swami Vivekanand Technical University (CSVTU) follows the curriculum prescribed by the university.

- **At the beginning of each academic session, college prepares its proposed academic calendar, which is uploaded in the college website. The proposed academic calendar is prepared according to the notices and circulars received from the affiliatinguniversity. Students are informed about the academic calendar of the college notifying the probable teaching days, dates of internal examinations, curricular, extension related and cocurricular activities.**

- **Orientation programme is organized every year for newly**

admitted students to make them aware of the mechanism for curriculum delivery and implementation.

- The concerned committee of the college prepares the master routine and circulates it to different Departments. Based on the Departmental calendar, departments conduct meetings for allotment of classes and syllabus distribution among the teachers. Students are given details of teaching assignment of each teacher at the beginning of a session by the department.

- Based on the teaching assignments allotted in the syllabus distribution, teachers prepare their "teaching/lesson plans" according to the number of lectures allotted in the university syllabus for each topic and uploaded in EDRP.

- Class tests/surprise test and student seminars are held after completion of a section of the syllabus and periodic review of performance of students is updated in EDRP.

- Field tours and industrial visits are organized by all the Departments to ensure effective implementation of the prescribed curriculum.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://www.sstc.ac.in/Academic_Calender_20-21-ODD and https://www.sstc.ac.in/Academic_Calender_2020-21-even

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

The institution adheres to the academic calendar for the conduct of Continuous Internal Evaluation (CIE). Academic calendar is prepared by the appointed Incharge along with the Director, in consultation with HoD(s). This academic calendar is in line with the academic calendar of University.In the beginning of the academic session the students are apprised of academic calendar and same is uploaded on college website, EDRP and displayed on notice boards and at strategic locations. Only Head of the

institution can incorporate minor changes in academic calendar which he may deem fit considering the unforeseen circumstances.

- The Schedule of All Examinations is given in academic calendar.
- The course teachers announce the syllabus and display question bank for CT-I , CT-II Internal assessments as per the academic calendar.
- The slots of the CT- I, CT-II, Internal assessments and sessional exam are mentioned in the academic calendar.
- Classes are conducted according to the academic caleder by the subject teachers.
- Examination schedule of these exams is announced and displayed in advance on Notice Boards and EDRP.
- Display of marks is also as per the schedule given in academic calendar.
- The copies of the internal evaluation are shown to the students and discussed in the class.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://www.sstc.ac.in/Academic_Calender_20-21-ODD and https://www.sstc.ac.in/Academic_Calender_2020-21-even

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

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

1.2 - Academic Flexibility

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

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

14

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

6

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

1211

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

1.3 - Curriculum Enrichment

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

The curriculum is designed by the University itself does include many of these aspects such as the subjects, namely, Value Education, Health Hygiene and Yoga, Personality Development, Managerial Skills, Entrepreneurship development, etc .

- Women Grievances Committee: It is formed only by female faculty members consisting of one coordinator and two members from each department. We are proud to state that in our college the incidents of sexual harassment of women students are nil due to the discipline in the campus.
- Climate Change and Environmental Education: Energy Auditing was done in nearby villages and schools. The institution has a solar energy system in the campus. The subject related to the energy, environment and ecology included as a part of the open elective in the curriculum of university and in first year Environment and Ecology is compulsory subject.
- Human Rights: Institute has formed the Anti-ragging committee to ensure a ragging free campus and woman security cell that make care if women related issues.
- Moral and ethical values: Our institute walks in the footsteps of the great personage, Shri Jagat Guru Shankaracharya Swami Swaroopanand Swarswati Ji Mahraj and emphasized the blooming of a strong personality which is a combination of wisdom, love, service and deep introspection as mere information can never be called education.
- Community orientation: The NSS unit of the college engages the students in community development activities which motivate the students to take up the cause of social service.

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

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

23

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

586

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

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution	**A. All of the above**

from the following stakeholders Students Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	https://sstc.ac.in/exit-feedback-form
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://sstc.ac.in/student-feedback-form

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

942

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

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

412

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

2.2 - Catering to Student Diversity

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

Student representation is diverse not just in terms of regional and linguistic aspects but also their level and pace of comprehensibility. Since it would be inappropriate to divide a class into groups based on students' level of comprehension, classroom observation, interaction, continuous and periodic assessment are used as a measuring system to assess learning levels of the students.

The Departments draw up the schedule for organizing remedial classes for slow learners. The departments use monitoring and mentoring to keep track of slow learners' progress. Faculty makes it a point to be patient and accessible to students personally, over phone, mail, and social apps.

Advanced learners are encouraged by awarding cash prizes on Republic Day. Meritorious students are included as members of Committees. Training and Placement Cell invites Companies and Industries to hold their placement drive and students are encouraged to actively register for the interviews. Training and Placement Cell also provides training in interview skills and communication skills. Proficiency in English classes, Functional Use of English, Personality Development programs are organized to enhance employability of the students.

Online resources are made available to strengthen the knowledge-base. Students are encouraged to participate in seminars, conferences and workshops to gain knowledge.

File Description	Documents
Paste link for additional information	http://182.71.130.11/edrpsstc/
Upload any additional information	[View File](#)

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

Number of Students	Number of Teachers
3646	256

File Description	Documents
Any additional information	[View File](#)

2.3 - Teaching- Learning Process

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

The pedagogical approach to teaching-learning at SSTC is learner-centric, rather than teacher-centricWe follow namely role plays, discussions, debates, laboratory experimental learning, miniprojects and case studies. Participative learning Role Plays: To enhance independent learning among students, the college encourages the use of non-conventional pedagogical practices, such as films, workshops and interaction with experts. Discussions: Classroom presentations by students using e-resources (I classes and course content in EdRP) are an integral part of the teaching-learning process Professional Activities: The Institution interacts, communicates and contacts the beneficiaries such as industry by arranging the field trips to the industries, guest lectures, interactive workshop with executives and eminent personalities. Different student associations exist in all the departments.

Experiential learning Laboratory experiential learning: We expose our students to all the laboratories and are given an exposure to depth based on the potential of the student so that the student can learn it by experience. Mini projects: To enhance the practical knowledge with innovation, we do encourage our students to make some Mini projects from II year onwards. Case studies: We are following case studies mainly for the circuit branches to extend the practical knowledge by providing the real time case studies.

Problem Based learning: In order to make the students competent with the industries they are encouraged to identify the problems and develop skills for solving them by taking real time problems pertaining to industries.

File Description	Documents
Upload any additional information	[View File]()
Link for additional information	https://sstc.ac.in/gallery?dir=AMMC

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

Today, it is essential for the students to learn and master the latest technologies in order to be corporate ready. As a consequence, teachers are combining technology with traditional mode of instruction to engage students in long term learning. College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education. The following tools are used by the Institute.

ICT Tools:

1. Projectors- projectors are available in different classrooms/labs.

2. Desktop and Laptops- Arranged at Computer Lab and Faculty cabins all over the campus.

3. Printers- They are installed at Labs, HOD Cabins and all prominent places.

4. Photocopier machines - Multifunction printers are available at all prominent places in the institute. There are four photostat machines available in campus.

5. Scanners- Multifunction printers are available at all prominent places.

6. Seminar Rooms- Seminar halls are equipped with all digital facilities.

7. Smart Board- Smart board is installed in the campus.

8. Auditorium- It is digitally equipped with mike, projector, cameras and computer system.

9. Online Classes through Zoom, Google Meet, Microsoft Team, Google Classroom)

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10. HackerRank (Online Coding Platform)- inter college competition
11. MOOC Platform (NPTEL, Coursera, SAP, Udemy, Edx etc) 12.
Digital Library resources (DEL NET, MYLOFT etc)
```

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

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

2.3.3.1 - Number of mentors

256

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

256

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

72

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

2817

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The medium of Examination for all the programs shall be English. The Examination system shall have two components: Continuous Assessment (CA) and End Semester Examination (ESE). Benefit of Attendance (if any) to be given to student on account of participation in different events / prolonged illness shall be as per the Academic Regulations of the Institute.

Continuous Assessment shall have two components:

Class Test

- **There will be two Class Tests in each theory subject in a semester. The type of questions in each class test viz.**

Multiple Choice type Questions / Subjective type Questions / combination of both will be decided by IQAC from time to time.

- The marks obtained by the students along with valued test answer books will be shown to the students and corrections (if any) will be incorporated, under intimation to the Controller of Examinations.
- The format of Class Test Question Papers will be as suggested in AICTE Examination Reforms policy Booklet under outcome based education.

Teacher'sAssessment Teacher's Assessment shall depend on attendance, assignments, closed and open book tests, group assignments, Viva-Voce, quizzes etc.

Marks Awarded in Continuous Assessment

- Final Continuous Assessment (CT & TA) marks awarded to students is checked by the concerned Head of the Department and then approved by the Director.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://drive.google.com/file/d/1bc5YUVWib KlIaCfBe1rC5T30KrQ2e07u/view?usp=sharing

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

There is complete transparency and criterion adopted is as directed by the University.

Ø At the beginning of the semester, internal assessment test schedules are prepared as per the university and communicated to the students well in advance.

Ø The corrected answer papers of the students are distributed to them and any grievance is redressed immediately. The marks obtained by the students in internal assessment tests are displayed on the department notice board and EdRP.

Ø For lab courses, the marks/grade scored by the student for each experiment is indicated in the observation/record. The independent learning, practical approach to the real-time applications is

tested by viva voce for laboratory courses.

Ø For the quality of the projects, the evaluation is done by Project Review Committee along with the project guides.

ØThe end examination for the laboratory and projects shall be conducted with internal and external examiner appointed from the other colleges as decided by the University.

Redressal of grievances at institute level:

Departmental Level: The continuous evaluation of students is carried out by faculty regarding theory lectures, labs, assignments, CTs. The midterm marks are allotted based on defined strategies and displayed on notice board and EDRP.

College Level: The Institute has an Examination Controller for smooth conduction of examinations. If students are facing any problems, they are solved and the grievances during the conduction of online/theory examinations are considered and discussed in consultation with the Director and examination section.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://csvtu.ac.in/ew/grievance-cell/

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.

The college has clearly stated learning outcomes of the Programs and Courses.

The following mechanism is followed by the institution to communicate the learning outcomes to the teachers and students.

• Hard Copy of syllabi and Learning Outcomes are available in the departments for ready reference to the teachers and students.

• The importance of the learning outcomes has been communicated to the teachers in every IQAC meeting and College Committee meeting.

• Workshops have also been conducted for developing the Programme

Educational Objectives and Learning outcomes at college level.

In strict compliance with the objectives of Outcome Based Education (OBE), the Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are framed by the department offering the concerned program after rigorous consultation with all faculty and the stakeholders. After attainment of consensus, the same are widely propagated and publicized through various means such as display and/or communication specified hereunder.

- Website
- Curriculum /regulations books
- Class rooms
- Department Notice Boards
- Laboratories
- Student Induction Programs
- Meetings/ Interactions with employers
- Parent meet
- Faculty meetings
- Alumni meetings
- Professional Body meetings
- Library

While addressing the students, the HODs create awareness on POs, PSOs and COs. The faculty members, class teachers, mentors, course coordinators, program/ISO coordinators also inform the students and create awareness and emphasize the need to attain the outcomes.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://sstc.ac.in/about
Upload COs for all Programmes (exemplars from Glossary)	View File

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

A formation of committee consisting of industry personnel, academicians, alumni and parents of students was done for the formulation of vision, mission and PEOs and POs and were framed

and implemented. A revision was done for redefining the PEOs, POs and framing PSOs by conducting FDPs and meetings. Redefined PEOs, POs and PSOs were implemented and redifined from time to time.

The POs are derived from Course Outcomes (COs). The course outcomes are formulated with the following characteristics:

• It has the description of the course as well as the course purpose

• All the expected learning outcomes are developed.

• Assessment plans are outlined and specific methods are used to assess the expected student?s learning of the course.

• Describing the grades to be allotted and assessing the expected course outcomes.

• Revising the expected course outcomes, the methods to assess the outcomes.

The mapping is done between the Course Outcomes and the Programme Outcomes, which improves the program coherence. The course mapping with the program mapping reveals gap and areas of over concentration. It is found that not every course develops same skill, knowledge and graduate attributes. (Result seen with the attainment of Programme Outcomes).

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://drive.google.com/file/d/120UaJK5RQfAFYtwOq0PoaoKmf-kuXoga/view?usp=sharing

2.6.3 - Pass percentage of Students during the year

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

1129

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://drive.google.com/file/d/1i4UcL200m u3aru5fSMi7cOfqKsj-ZU58/view?usp=sharing

2.7 - Student Satisfaction Survey

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

https://sstc.ac.in/student-feedback-form

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

3421000

File Description	Documents
Any additional information	**No File Uploaded**
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

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

3.1.2.1 - Number of teachers recognized as research guides

82

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

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

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

7

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	csvtu.ac.in/ew/teqip-notices/

3.2 - Innovation Ecosystem

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

The institution has following committees :

Departmental Research Committee (DRC):

SSTC has DRC and functions of the committee are specified (Ordinance No. 10 (Under Section 38); point 3 and 4, elaborately.

Research & Development Committee (R&D):

R&D committee functions as specified by (Ordinance No. 10 (Under Section 38); point 5 and 6, elaborately.

Innovation and Entrepreneurship Development Centre (IEDC):

SSTC has established IEDC with help of NSTEDB, Department of Science and Technology (DST), Govt. of India.

Startup India/Business Incubation Centre (BI):

BI running in Campus with the help of MSME which include the projects of Startup India.

SIEMENS Industrial Drives & Automation Lab:

SSTC with the help of SIEMENS established Automation Lab and offers specific courses designed for working professionals and students.

IEEE Student Branch:

SSTC has first IEEE Student Branch in the state of Chhattisgarh. Many events are organized such as workshop on PLC/ SCADA, MATLAB/Simulink, IEEE International conference etc.

Surya Mitra Skill Development Programme:

The National Institute of Solar Energy (NISE) conducts "Suryamitra" skill development programmes in collaboration with SSGI.

ATAL FDPs, AICTE STTPs and Workshops and Symposiums:

The institute has hosted 4 ATAL FDPS, 3 AICTE STTPS successfully with participants all over the globe and has conducted number of other events regularly.

E-Cell SSTC

E-Cell SSTC aim to create awareness among students of Engineering and Science courses about various facets of entrepreneurship.

Innovation-startup-policy

To promote the IPRs, institute has drafted a policy to support faculty and students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sstc.ac.in/homepage

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

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

16

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

24

File Description	Documents
URL to the research page on HEI website	https://sstc.ac.in/PhD-Awarded
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

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

76

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

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

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 year

49

File Description	Documents
Any additional information	[View File](#)
List books and chapters edited volumes/ books published (Data Template)	[View File](#)

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 year

As mentioned in the Mission and Vision declaration of the institution, i.e., we inculcate discipline, determination and dedication with human values to serve the society in the most befitting manner through various co-curricular, extracurricular activities and extension services. These activities does include NSS training camps which are conducted for rural students where our students promote awareness about issues related to

- Women empowerment
- Woman Awareness program
- Skill development program
- Importance of education
- Tree plantation
- Formation of trenches for rain water harvesting.
- Computer Literacy
- By involving students in Blood Donation Camps
- Activities related to Clean India campaign

All the activities are enlisted

athttps://www.facebook.com/NSS.SSGI.Bhilai/.

S.No.

Title of the activities

Organising unit/ agency/ collaborating agency

Number of teachers coordinated in such activities

Number of students participated in such activities

1

Workshop on the occasion of national Science day, 03 March 2021

Govt. Hr. Sec. School Village Nadkhathi Durg, CG,

20

100

2

Village chil teaching,Sex Education,Awareness Programs,Unnat Bharat Abhiyaan

NSS,GoI

2

47

3

Plasma Donation Camp

Red Ribbon Club

2

25

4

Plantation of fruit trees in small villages of Durg DistrictPoshan

Maah

Mid Day MealScheme by GoI

2

49

5

Women Safety, Gender Equality, Self DefenceUNICEF's Women Empowerment

UNICEF

2

38

6

Blood Donation

Mittal Hospital

1

10

7

Blood Donation

SSIMS Hospital

1

10

8

Blood Donation

SCCH Hospital

1

10

9

Swachh Bharat

NSS

4

10

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1sm9PmY0_ZOsou4o7enIC3HNGohGkaCcn/view?usp=drivesdkhttps://drive.google.com/file/d/1kKSxjMLjG6TUXhC2PcMnXE1HjKECHy6E/view
Upload any additional information	View File

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

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

3

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

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

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

5

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

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

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 year

624

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

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

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

27

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

9

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

SSTC encompasses a well maintained campus spread over 9.41 acres of serene green land. The existing infrastructural facilities are utilized both for conducting theory and practical classes.

Classrooms: SSTC has sufficient number of well-furnished, well ventilated, spacious classrooms for conducting theory classes.

Laboratories: The laboratories of SSTC are well equipped and well maintained not only for carrying out curriculum oriented lab practicals but also to carry out research activities. All the laboratories are established as per AICTE and CSVTU norms.

Technology Enabled Leaning Rooms: Each department in college is provided with one E-classroom equipped with LCD Projector, audio system and internet.

Seminar Halls: Each department has one seminar hall to conduct conferences, seminars and workshops for students and faculty members as well. Seminar hall has the capacity of 120 seating and equipped with LCD Projectors, white boards, public addressing system with internet connectivity.

Auditorium: SSTC has an open and closed auditorium. All the college events are regularly conducted in this auditorium. The closed auditorium with an area of 360 sq.mts. with seating capacity of 500 audience.

Facilities and Equipments for teaching, leaning and research:

The college has well equipped Language Lab with LCD Projector –Audio-video facilities, computers, chairs and micro phones too.

SSTC has a very spacious, well equipped Central Library with references and text books, journals, magazines, newspapers etc.

E-learning facility is provided with EDRP which covers a wide set of applications and processes including computer based and virtual learning.

https://assessmentonline.naac.gov.in/storage/app/hei/SSR/100591/4.1.1_1519824538_567.pdf

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.sstc.ac.in//facilities

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

The management of SSTC believes in the all-round and holistic development of our students. There is a lot of encouragement for

the students to participate in sports and cultural activities, simultaneously and thus, they are awarded and rewarded accordingly.

Recreational facilities, gymnasium, yoga center, etc.: ·

We have a spacious and well equipped Sports room, where pupils can play indoor games like table tennis, chess, caroms etc. · For the all-round development of the students there is fully equipped Gym (Fitness Zone) containing modern equipment. Indoor gymnasium with an area of 576 sq.mts. is available with modern fitness equipment. We have a Yoga Class room where students and faculty members do meditate and even practice yoga.

The outdoor games such as shuttle badminton, volley ball, throw ball, cricket, football, kabaddi, hand ball, kho-kho etc., are well practiced and played by the students.

Cultural Activities: ·

Students are very much encouraged to participate in the cultural events held in the college like Technical fests, Fresher's Day, Annual Sports Day, Annual Day, Farewell etc., to exhibit cultural talents. Every year more than 50% of the gold winners are our students. Students are even sent to other colleges for intercollegiate competitions like dances, skits, mimicries etc. ·

SSTC has an annual techno-cultural fest "SAMVID" which has been a flagship programme for conduction of cultural as well as technical activities.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sstc.ac.in/facilities

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

58

File Description	Documents
Upload any additional information	[View File]
Paste link for additional information	https://sstc.ac.in/GeoTech-Classroom
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File]

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

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

32.45

File Description	Documents
Upload any additional information	[View File]
Upload audited utilization statements	[View File]
Upload Details of budget allocation, excluding salary during the year (Data Template	[View File]

4.2 - Library as a Learning Resource

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

Computers are excellent research assistants. They can help users find materials that would otherwise be undiscovered on the shelves. For years, librarians have labored to make their materials accessible through subject, title, and author entries via printed catalogs. Analytic entries provided access points above and beyond the title and author. An Integrated Library Management System (ILMS), also known as a library management system (LMS) is an enterprise resource planning system for library, used to track items owned, orders made, bills paid, and patrons who have borrowed. SSTC has an in-house developed enterprise resource planning system named "EDRP". EDRP is user friendly, menu driven, and highly interactive software. To operate EDRP no prior knowledge of computers is required. Its powerful

user interface feature like dragdrop makes its user feel very comfortable. The accompanying on-site training and high quality reference manuals ensure smooth transition from the current computerized or manual system to EDRP.

Library is fully automated. College library can be accessed through EDRP login via LAN and internet for resource sharing.

College is provided with CC TV, RFID and other ICT devices for the better services.

E-resources from open sources are also procured by our College Library.

Orientation program on the basics of how to access the library are conducted for every session for new students.

Professional ethics are present in the College Library.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://sstc.ac.in/facilities

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	A. Any 4 or more of the above

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

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

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

2,873,253

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

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

400

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The college upgrades and purchases the IT infrastructure and associated facilities as per the requirements of the university syllabus. The seminar hall and classrooms of every department of the college is equipped with LCD projectors, PA system. The Institute provides Wi-Fi & Internet facility for staff and students. The institute encourages e-learning, advanced software for Research & Development as well. The institute has a dedicated Lab equipped with audio and video equipments to conduct live training programmes at remote IITs. The institute has a CRMC (Central Resource Management Computing) committee to provide the required IT facilities to all the Departments. The requisition of the IT facilities such as computers, peripherals, projectors etc is put forth by the departments to the CRMC. The IT facilities are centrally purchased by institute as and when required.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sstc.ac.in/facilities

4.3.2 - Number of Computers

3310

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution	A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

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

538.92

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

Mechanisms for Maintenance of Buildings and Other Infrastructural Facilities:

Matters concerning the maintenance of buildings and

infrastructural facilities, including cupboards in the walls and name plates etc.

The HODs are the in charge and will make a requisition to the Director which will be forwarded to the Purchase or/and Site office. The Site Office, on receiving the requisition shall enter the requisition in the register provided for the same. After this, he will discuss this with the Director, Secretary and Correspondent, takes their approval and attends to the work at the earliest possible time. For items of works costing more that Rs.10,000/-, estimates will be submitted along with quotations. Action taken shall be recorded in the register. Regarding furniture, a requisition shall be made to the Director by the HODs/in-charges it will be forwarded to Site Office. It shall maintain a register where the requisitions and records the actions taken are entered. Each furniture item in the Institute shall have an identification number. The following registers shall be maintained for the above

• Requisition form and register

• Complaints register and file

•Sweepers — log book/log sheets

• File for work assignments —sweepers and scavengers.

• Laboratories - Maintenance Utilization

• Preventive maintenance is followed.

• Additional experiments are designed to utilize all the equipment available in the lab. • Periodical checkups and calibration of equipment in all laboratories.

• Stock verification is being conducted in all laboratories every year.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drive.google.com/file/d/1-QpQz8lEVX8_HTqv5Ekw89giWK1F6rB2/view?usp=sharing

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

845

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	[View File](#)
Upload any additional information	[View File](#)
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	[View File](#)

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	**No File Uploaded**

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

File Description	Documents
Link to Institutional website	https://sstc.ac.in/homepage
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

985

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

985

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student	**A. All of the above**

grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

641

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

60

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

60

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

1

File Description	Documents
e-copies of award letters and certificates	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	[View File](#)

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

As per the Rules and regulations under provision of Chhattisgarh Swami Vivekananda Technical University Act, 2004 (Section 38(xxi)) College has formed the student union effective from academic session 2014-15 till 2016- 2017 by student's elections. However as per State Government directives, in the current academic year 2017-2018 Students' Council is constituted by nomination of students on the merit basis Student union comprises of president, vice-president, secretary, joint secretary and class representatives. They are elected through voting. Professor in-charge (Student Union) sends the names of elected office bearers to university immediately after the declaration of the result. The University Student council then elect by simple majority vote from amongst its members, the following are the office bearers of the University Student Union. 1) President 2) Vice President3) Secretary 4) Joint secretary Office bearers meet regularly to discuss the problems of student community and consensus is reached to address the problems, if any, discussed during the meetings and also ways for improvement of the overall activities of Student Union. College Union contributes at the rate of one rupee for each of its members towards the funds of the university student's union. The total amount of such contribution payable from out of the amalgamated fund/ composition fee, collected every year is sent by the principal. The Student Council helps students share ideas, interests, and concerns with lecturers and principal. They often also help raise funds for -wide activities, including social events, community projects, helping people in need and college reform.

File Description	Documents
Paste link for additional information	https://sstc.ac.in/Ordinance#
Upload any additional information	[View File](#)

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

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

16

File Description	Documents
Report of the event	[View File](#)
Upload any additional information	[View File](#)
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	[View File](#)

5.4 - Alumni Engagement

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

The Shri Shankaracharya Alumni Association came into being in April, 2012 and since then has been actively involved in the various activities related to the Alumni of the University. The General activities of the Alumni Association include the following:

- Creation, updation and maintenance of Database.
- Uploading alumni database.
- Promoting student, alumni and faculty interaction.
- Involving the alumni in social activities.

SSTC gives adequate impetus to have well activated network of the alumni and former faculty of the institution. It is literally an inspiration for junior students in terms of fixing their targets

and preparing to reach their targets. The alumni association regularly meets in the college at least once in a year. Issues arediscussed regarding the communication with the with alumni, role of alumni in the development of college, job opportunities to the students. Department collects the regular feedback from the students and from alumni and former faculty members. The institution maintains a cordial relationship with the former faculty and distinguished former faculty are invited judges for some events in annual cultural tech fest, technical workshops, key note speakers of technical seminars, session chairs for national and international conferences, etc.

An alumni portal is created in the college website for better interaction between the college and alumni with an online registration form.

File Description	Documents
Paste link for additional information	https://alumni.sstc.ac.in/
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	C. 3 Lakhs - 4Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The Governing Body is so reflective and the prime focus is on the vision and mission of the institute, with a commitment to offer quality education and with "????? ?? ?????" as the motto, has an ambitious vision and mission.

Institutional and Departmental policy analysis are done every year with the involvement of the Management, Teaching Staff, Administrative Staff, Students, Parents, Industrialists and other stake holders in formulating policies. Governing body designs and executes Short-term and Long-term plans integrating departmental

plans, findings of SWOT analysis and other suggestions from the stake holders. Every Ten/Five/One year's this process is conducted in the institution and at present long term plan of VISION - 2025 is on.

There are regular interactions with the various stakeholders through alumni meets, parent meetings and discussion with recruiters so as to imbibe their viewpoints into formulation of action plans which in turn ensure constant interaction with the stakeholders.

Management with the help of the inputs formulates quality policy and integrates the same in the strategic plan. Formulation of action plans attempts to address the issues of systematic change to provide quality education. Creating robust principles, systems and processes the institution intends to reinforce the culture of excellence.

File Description	Documents
Paste link for additional information	https://sstc.ac.in/vision-mission
Upload any additional information	View File

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

The College follows the policy of Decentralization.

- The Governing Body delegates all the academic and operational decisions based on policy to the Academic Council headed by the Director.
- The Academic Council formulates common working procedures and entrusts the implementation with the HoDs. A team of faculty members and students coordinate the co-curricular and extra-curricular activities in the college.
- Other units of the college like sports, arts, library etc. have operational autonomy regulated by various committees/clubs/associations and students are involved from various Departments in the decision taking process.
- Institute forms the Institutional committees on annual basis for the governance at various levels such as research committee, women security cell, proctorial and student grievance readdressal cell.

COMMITTEES:

The above framework is being executed as the core of action of participative management system exhibiting the democratic governance. The institute works as per the rules and regulations framed by CSVTU and Governing Body in designing and implementation of the quality policy and predefined plans for fulfillment of the mission of the institute.

IQAC:

The internal Quality assurance cell monitors the academic process and ensures the quality of academic delivery process. It is a structure that would help educational institutions to improve their work processes and achieve learning outcomes & objectives. It is a "participative" and "facilitative" unit that would closely work with the faculty members to plan out the best possible strategies.

File Description	Documents
Paste link for additional information	https://sstc.ac.in/aboutpage
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Management gives total freedom and flexibility to the Director together with the Academic Council to lead all the academic activities of the Institutions. The following process is adopted. Director gets the feedback from all staff and studies the impulses of the institute in general and take steps for further improvements. as far as they are within the capacity and recommend the management for further corrective actions. Every faculty member is involved in various academic, administrative and other non-statutory committees. SSTC has a perspective plan for for short term to be achieved as shown below in Strategic Plan and deployment documents.

- **Secured funds for research projects from TEQIP(Technical Education Quality Improvement Program)**
- **Secured funds for research projects from AICTE &DSTE**
- **Skill Development programs are conducted for increasing the employable skills and health of the students.**

- **Value added courses are conducted in order to enrich the knowledge of the students.**
- **Wi-Fi enabled class rooms and ICT tools are provided to introduce innovative teaching methods.**

File Description	Documents
Strategic Plan and deployment documents on the website	[View File]()
Paste link for additional information	https://sstc.ac.in/Prespective-Strategic-Plan
Upload any additional information	**No File Uploaded**

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

The governing body comprising the Board members and Director decides over the policy matters and perspective plan of the institute. Certain important approvals such as Annual Budget, appointment of faculties are also done during their meetings. The Director as Member Secretary delegates the implementation of policy and plan of institute. At the Departmental level, the decisions pertaining to requirements like equipment, text books and journals which are proposed by the faculty in charges of each department as the outcome of Departmental meetings which solicits student's proposal for equipment as well. The proposals are forwarded to the Director's office and decisions are arrived in consultation with the Heads of the Departments. However, the proposals are judged on the basis of approved budget, bidding quotations and negotiations (though, against the lowest quotation, importance is given to better quality, durability along with service facility). Organizational chart is attached.

Service Regulation for Teaching & Other Employees: Same as otherwise provided in the MP Vishwavidyalaya Adhiniyam, 1973 and itsStatutes, the provision of this Regulation shall apply to all the teachers and other employees of the Institute other than those whose services have been lent to the Institute by the Central or the State Government.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1Uhu_q4Tom Nsu5fWVLKf-e4E7iXU8zDIC/view?usp=sharing
Link to Organogram of the institution webpage	https://sstc.ac.in/Mandatory-Disclosures
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	**A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

College initiatives towards welfare of its staff and faculty include the following:

1. Increments: AICTE pay scales are givens to all regular teaching staff and increments are also as per AICTE norms.

2. Leave: Employee of the Institute are eligible for vacation/leave at per with their counterparts in State Government/University Service.

3. Personal and Professional Development:

- **A financial reward scheme is in operation in the Institute to motivate the faculty members for publication of research papers.**

- **SSTC sponsors the faculty for professional programmes development programmes every semester.**
- **IPR policy gives financial aid too.**

4. Financial Support Travelling Allowance

- **If any of children of staff is admitted to the Institute, facility for free education in the Institute will be provided to his/her children.**
- **Employees/Teachers of Institute shall be entitled to the benefit of Provident Fund as per provisions contained in paras 33(-1) to 33(7) of the Stature No.28 – College Code.**

5. Health

- **SSTC has a medical college SSIMS as sister concern wherein all faculty are provided treatment at nominal charges.**
- **It is pertinent to place on record that unlike normal health insurance provisions, our amount of coverage: Upto Rs 2 Lakhs per head for Self, Spouse and two dependents individually.**

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1Zeb54yn4U mombfCFzreUQugZpSVGYqtH/view?usp=sharing
Upload any additional information	View File

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

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

3

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

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

20

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

230

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

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

At SSTC, the performance management has evolved from an annual performance appraisal system to a system of "Continuous Improvement for Success. Every semester, students have the opportunity to provide feedback through an online system EDRP (link given as Link for Additional Information) which is compiled and analysed.

Each faculty member further has the opportunity to self-appraise their efforts towards teaching-learning and evaluation related activities; co-curricular; extension; professional development related activities and research and academic contribution.

The performance appraisal system is an ongoing activity which is developed monitored and reviewed on a continuous basis. The annual appraisal is given utmost importance, where in the evaluation criteria are periodically reviewed. The appraisal form covers the following points:

Academics:

- **Work load**
- **Maintenance of records related to course taught**
- **No. of student projects undertaken**
- **Students feedback &result**
- **No. of invigilation duty in CSVTU exam (odd &even)**
- **No. of students exam answer sheets valued**
- **Initiative taken for departmental development**
- **Research papers pulished in journals/conference/Books**
- **Research guidance**

- **Details of consultancy, R&D Projects, Patents**
    - **development programmes (FDP/SDP)**
    - **contribution to departmental activities**
    - **contribution to the institutional activity**
    - **administrative support**

Attitude and Interpersonal Skills:

- **Initiative**
- **Responsibility**
- **Punctuality**
- **Commitment**
- **Self Development**
- **Communication Skills**
- **Teamwork**
- **Leadership**
- **Relationship with Colleagues &students**
- **Maturity**
- **Temperament**
- **Behavior with Students &Colleague**

For the non teaching staff, tha appraisal is framed on same lines as per their responsibilities and duties.

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

6.4 - Financial Management and Resource Mobilization

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

Internal audit:

For a financial year, internal audit is carried out on quarterly basis, hence four times a year. The internal auditor generates and communicates internal audit report for every quarter with observations and suggestions.

External Audit:

External audit i.e. statutory audit is conducted at the end of financial year, and the statutory audit report and balance sheet is prepared by the statutory auditor.

SSTC has appointed statutory external auditors, M/S B. P.Waghela Associates, who regularly audit the accounts of the SSTC. Instead, the Accounts Officer and the Administrative Officer review the state of the accounts and major expenditures.

The external auditors audit the accounts of the SSTC in March every year – in at the end of financial year for the final audit. This practice is also intended as a measure of checks and balances with a view to correct any shortcomings and to advise on proper practices. As indicated above, the accounts of SSTC has been regularly audited by M/S B. P.Waghela Associates,. So far, there has not been any audit objections. AUDIT REPORT

File Description	Documents
Paste link for additional information	https://sstc.ac.in/Audit-Report-2020
Upload any additional information	View File

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

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

500000

File Description	Documents
Annual statements of accounts	View File
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

Being a self financed institution, affiliated to CSVTU, our major source of income remains tuition fee governed by Government's Admission and Fee Regulatory Committee and DTE, Government of

Chhattisgarh norms. On the other hand, expenditure mainly consists of salary payments, laboratory infrastructure & building infrastructure and maintenance, though capital expenditure on various projects raised through bank assistance.

The process of planning for sustainability:

- Make a judicious use of consultants, consultancy and expertise in the planning Provide for periodic strategic planning for mobilization, allocation and utilization of resourcese .
- The deficits (if any)are funded by the society.

The Institute takes ongoing efforts for getting additional funds from various agencies like AICTE, CGCOST, DST (New Delhi), MSME. In order to secure the funds, the institute assigns the R&D committee the task to monitor the various funding agencies websites, identify the call for sponsored project proposals, deadlines etc. To aid the process, the institute provides the well equipped infrastructure and lab facility to pursue the same. Funding for QIP(s), SSTP(s) and workshop by various funding Agencies from time to time. The institute observes the systematic approach towards the utilization of the same.

The Director is given autonomy to take decisions for allocation of research funds for various activities like publication, providing financial assistance for attending various training programs, workshops, seminars and conferences etc.

File Description	Documents
Paste link for additional information	https://sstc.ac.in/Audit-Report-2020
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

Internal Quality Assurance Cell (IQAC)

The Internal Quality Assurance Cell (IQAC) at Shri Shankaracharya

Technical Campus (Shri Shankaracharya Group of Institutions) was established on 24/04/2017 to work towards realisation of the goals of quality enhancement and sustenance. The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the overall performance of the institution. For this, it will channelize all efforts and measures of the institution towards promoting its holistic academic excellence. The work of the IQAC is another step towards internalization and institutionalization of quality enhancement initiatives at SSTC(SSGI). It will inculcate a sense of belongingness and participation in all the constituents of the institution. It will be a facilitative and participative voluntary system/unit/organ of the institution. It will become a vehicle for ushering in quality enhancement by working out planned interventionist strategies to remove deficiencies and enhance quality like the "Quality Circles" in industries. The primary aim of IQAC is To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution. To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

File Description	Documents
Paste link for additional information	https://sstc.ac.in/NAAC
Upload any additional information	View File

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

The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process. Academic Calendar is prepared and displayed and circulated in the Institute. Admission to various programmes, examination schedule and declaration of results are notified in the Academic Calendar. All newly admitted students have to compulsorily attend the Orientation Programme and are also given a guided tour of the campus and the various facilities. Conduction of classes are monitored by HODs and proctors of various classes through EDRP and notice board. Anti-Ragging and the Discipline Committee members make random visits to ensure smooth functioning of classes. Feedback from students is taken by HODs and the Director of the Institute. Feedback is properly analyzed and shared with the Director, HODs and

individual faculty members.

The teaching-learning processes are reviewed, and improvements implemented, based on the IQAC recommendations. The major initiatives taken over the last five years include the following:

• Introduction of Monday Tests

• Automation of all Processes (Admission, Examination etc)

• Curriculum Development Workshops, Hackhathons, Makeathons, IEEE International Conferences, FDPs, STTPs in all departments.

• Introduction of B.Voc. programmes

• Green initiatives in Campus – tree plantation, Biodiversity Park, Biogas plant, solar panels, etc.

• MoUs with prestigious Institutes, Universities, Govt. agencies

• International student exchange programmes

• Application and ranking for NIRF, ISO and NBA Certifications.

• E-Cell and Start up and Incubation Center with potential work and PAN India representation at Covathons and Hackathons with winners at top positions regularly.

File Description	Documents
Paste link for additional information	https://sstc.ac.in/NAAC
Upload any additional information	View File

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

File Description	Documents
Paste web link of Annual reports of Institution	https://sstc.ac.in/homepage#
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Students apprised of the gender issues during the Orientation/Self Induction Program held for newly admitted students each year.There are significant number of women cadets in SSTC NSS unit.

Institute has taken several measures to enhance safety & security on campuses by constituting women griveance cell, installing CCTV cameras & by providing round the clock security. The women security guards are also available at Girls hostels.

The institute ensures that posters promoting gender equity & sensitization are placed on the Notice Boards. Complaint Boxes areplaced at various places and grievances can be registered in the link provided in website as well as ERP system.. Telephone / Mobile numbers of the women griveance cell, and members are made available on the Notice Boards& Website. Strict confidentiality is maintained to encourage the complainant to lodge complaint without fear.

Counselling is provided to the complainants and the respondents independently by the Counselling cell. Training & Placement cell also conducted special lectures, mock interviews etc. for career counselling of students.

Title of the programme Period To No of Participants Women's Day Celebration 8/3/2021 8/3/2021 40 Women's Empowerment Program with Durg Police 12/3/2021 12/3/2021 50 Self Defence Training

16/03/2021 6/3/2021 48

File Description	Documents
Annual gender sensitization action plan	https://drive.google.com/file/d/16-puQBds1DVN5vSoez5zgh0bA9x76jST/view?usp=sharing
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://drive.google.com/file/d/1XK4iKgLc29FW5xP34w3kgZfWJT9Xas61/view?usp=share_link

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

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

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

Solid Waste management:

- **Reduce,Reuse & Recycle policy**
- **Dust bins are provided throughout the campus.**
- **Plastic Free Zone Campaign' is observed in the institute.**

Liquid Waste management: Our Liquid Treatment process involves physical and chemical treatment techniques to remove contaminants . The water is then sent to local tanks/ sumps to be used in gardening, cleaning and construction work. Well constructed drainage system leading to the closed collection tanksand the cleaning part of tanks is given for outsourcing.

E-waste Management: Electronic goods are put to optimum use; the minor repairs are set right by the staff and the Laboratory assistants; and the major repairs, by the professional technicians, and are reused. The damaged computers are used by the instructor in the practical sessions of the Certificate Course in Computer Maintenance and Hardware.

Waste recycling system:

The institute has organized Swach Bharat Mission. People from different aspects of life delivered their talks about the proper usage of waste. Moreover, the NSS volunteers have also demonstrated the proper procedure of disposing the waste in a selected village.

Hazardous chemicals and radioactive waste management:There is no Hazardous chemicals and radioactive waste management system in the college.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	[View File](#)
Geo tagged photographs of the facilities	[View File](#)

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	**A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Any other relevant information	[View File](#)

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:	**A. Any 4 or All of the above**

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

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

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment	A. Any 4 or all of the above

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

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	**No File Uploaded**
Any other relevant information	View File

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

We believe in unity in diversity that's why our students respect the different religion, language and culture. We feel the college is our second home and all faculties like a family member. We greet and wish each other at different festivals and invite them to have a feast to get introduced with ones culture to have amicable relations and to maintain the religious, social and communal harmony. Similarly our students also celebrate the different festivals with joy and enthusiasm which help them to implant the social and religious harmony. The diversity in India is unique. Being a large country with large population. India presents endless varieties of physical features and cultural patterns. It is the land of many languages it is only in India people professes all the major religions of the world. To represent our Indian culture, on the eve of our college annual gathering we organize a traditional dress competition and fashion show. In this competition students wore the different attire representing the different states, religions and cultures. Through this activity students get acquainted with the different culture of our nation and help to develop the tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. This also creates the inclusive environment in the college and society.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

India, as a country, includes individuals with different backgrounds viz., cultural, social, economic, linguistic, and ethnic diversities governed and guided by the Constitution irrespective of caste, religion, race sex. NSS unit of the institute sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties, and responsibilities of citizens which enables them to conduct as a responsible citizen. To equip students with the knowledge, skill, and values that are necessary for sustaining one's balance between a livelihood and life by providing an effective, supportive, safe, accessible, and affordable learning environment. These elements are inculcated in the value system of the college community. The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent people. The institute conducted awareness programs on the ban on plastics, cleanliness, Swachh Bharat, etc. involving students. The college establishes policies that reflect core values. Code of conduct is prepared for students and staff and everyone should obey the conduct rules. The affiliating University curriculum is framed with mandatory courses like Professional ethics and human values, Constitution of India, Essence of Indian Traditional Knowledge, as a small step to inculcate constitutional obligations among the students.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://drive.google.com/file/d/1sm9PmY0_ZOsou4o7enIC3HNGohGkaCcn/view?usp=share_link
Any other relevant information	https://sstcnss.wordpress.com/nss-diaries/

| **7.1.10 - The Institution has a prescribed code** | A. All of the above |

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

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Institution Organizes National Festivals and Birth and Death Anniversaries of great Indian Personalities. Our Institute is affiliated to Chhattisgarh Swami Vivekanand Technical University, Bhilai in the name of a great personality who was well known both in India and abroad. The University conducts Youth Fest every year to mark his birth anniversary. Also, we do celebrate all national festivals and Birth and Death Anniversaries of many great Indian personalities. Like:

- **Independence Day**
- **Republic Day**
- **Yoga Day**
- **Pharmacists Day**
- **World's Population Day**
- **World Literacy Day**
- **Hindi Day**
- **NSS Day**
- **National Education Day**
- **Ekta Diwas**

- **World AIDS Day**
- **Human Right's Day**
- **Vishwakarma Jayanti**
- **Gandhi Jayanthi and Swachh Bharat Abhiyaan**
- **Engineer's Day**
- **Teachers Day**
- **Science Day**

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

7.2 - Best Practices

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

Practice I: Title of the Practice: "Effective Teaching Learning Methodology"

Aim

To provide environment for improving the learning skills and ensure overall personality development of students by delivering excellent professional education, thereby creating globally competent professionals.

Context

Quality teaching has to be attained by employing effective pedagogical techniques to achieve learning outcomes for students, which ensures the education meets the expectations of students and employers. The learning has to inculcate in the students, the ability to adapt to evolving professional environment.

Practice II: TitleofthePractice: GrowthofResearchandDevelopmentActivities

Aim:

The aim of this practice is to provide necessary infrastructure, human resources and motivation to nurture the research competencies among faculty members and students.

TheContext:

The college offers UG, PG and Ph.D. degree Programmes in various engineering and management discipline. It is the responsibility of faculty members to inculcate effective learning methodology for students to understand various engineering concepts and to develop their interest in the subject. To accomplish this, faculties need to be creative, innovative and to be in touch with latest advancement in field. Their approach of teaching / learning activities should possess holistic idea about the subjects they are teaching which requires some level of research competencies.

File Description	Documents
Best practices in the Institutional website	https://sstc.ac.in/Mandatory-Disclosures
Any other relevant information	https://drive.google.com/file/d/1mCoOAM7C9HFc3NQqHV-_OVxlPBGhcwYH/view?usp=sharing

7.3 - Institutional Distinctiveness

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

The Institute has strengthened the research culture in the Institute.We recognize that a product development needs integration of various streams of science, engineering and pharmaceuticals and hence, we have established and effective multidisciplinary innovation ecosystem at SSGI.

We have learnt it and have established the 1st Business Incubator center by our efforts and developed few products such as Hygienic and low cost sanitary napkins, Exosolar DC Grass Cutter and Mini tiller for farmers, 3- D Printer, Herbal Pesticides using cow urine, to name a few. Further to promote the culture of innovation and entrepreneurship, E-cell has been established.

Our students with diverse backgrounds and multidisciplinary approach have participated and won the National level competitions such as Smart India Hackathon, First Edition of Toycathon (reached final round), Chatra Vishwkarma awards, Covacathon, Global Studio Entrepreurship award, Reolute "Dare to win"and brought laurels to institution.

Our team was runner up in Chhatra Vishwakarma Awards and secured 1st and 3rd positions in Covacathon 2021at IIT Palkaad with Kerala Start up mission. In Smart India Hackathon, we have bagged in 1st and 3rd positions and were top 10 in the last four years across the country. Our institute is the first in the Central India to organize Hackhathon in line with the Smart India Hackathon and it has been a regular feature our institute to spark young minds. In the state level hackathon conducted by the CSVTU, our teams were runner up in 2019.

File Description	Documents
Appropriate web in the Institutional website	[View File]
Any other relevant information	[View File]

7.3.2 - Plan of action for the next academic year

Institute has a perspective plan for the next academic year (2021-2022) in line with the mission of the Institute. The strategic planning is done in order to for each action planned so that expected outcomes can be achieved. Since the Institute has been granted autonomous status by UGC w.e.f. 2020- 2021 , new systems are being built up for its effective implementation.

1. To Implement Enterprise Resource Planning (ERP) at the micro level in the Institute. The Examination system module is still to be extended further.
2. To strengthen research culture in the Institute.
3. To strengthen the Innovation and Entrepreneurship culture in the Institute.
4. To strengthen the linkages with the Academic Institutions of National Repute.
5. To strengthen Industry Institute linkage. To have more international collaborations.
6. To improve the NIRF ranking of the Institute.

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