



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution

SHAHADA TALUKA EDUCATIONAL
SOCIETY AND CO-OPERATIVE
EDUCATIONAL SOCIETY LTD., SCIENCE
SENIOR COLLEGE, SHAHADA DIST
NANDURBAR

- Name of the Head of the institution **Dr. Shantaram Pundlik Badgajar**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **02565223122**
- Mobile no **8600888763**
- Registered e-mail **principal.stcssc@gmail.com**
- Alternate e-mail **spbnmu@gmail.com**
- Address **Kai.Dr. Vishramkaka Shaikshanik
Sankul Dondaicha Road, Shahada,
Dist.Nandurbar**

- City/Town **Shahada**
- State/UT **Maharashtra**
- Pin Code **425409**

2.Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**

- Location **Rural**
- Financial Status **Self-financing**
- Name of the Affiliating University **Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon**
- Name of the IQAC Coordinator **Dr. Ulhas Shamkant Sonawane**
- Phone No. **02565223122**
- Alternate phone No.
- Mobile **9423504122**
- IQAC e-mail address **iqac.stcssc@gmail.com**
- Alternate Email address **sonawaneulhas@gmail.com**

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

<http://stcsciencecollege.com/AQAR/AQAR-2019-2020.pdf>

4. Whether Academic Calendar prepared during the year?

Yes

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

<http://www.stcsciencecollege.com/PDF/Academic-calendar/Academic-Calendar-2020-21.pdf>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.47	2013	05/06/2013	04/06/2018
Cycle 2	B	2.42	2020	14/03/2020	03/05/2025

6. Date of Establishment of IQAC

30/06/2008

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	0

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 **4**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **No**

- If No, please upload the minutes of the meeting(s) and Action Taken Report [View File](#)

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)

Organized One day National Webinar on "Understanding of Program Outcome, Program Specific Outcome and Course Outcome"

Organized different research and project writing workshops for faculties.

Initiated MoU's with Anudip Foundation, CYDA, Bajaj finserve for student development programs.

Started College YouTube Channel for broadcasting various online webinars for students and faculty development.

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

Plan of Action	Achievements/Outcomes
To organise national level webinar.	Organized One day National Webinar on Understanding of Program Outcome, Program Specific Outcome and Course Outcome
To Establish of Staff Development and Welfare academy.	Staff Development and Welfare academy was established and different programs are conducted for staff.
To Strengthen Competitive examination cell.	Webinars are conducted for preparation of competitive examination.
To put forward proposal for new courses in front of CDC and Managment	It is decided to start T.Y.B.Sc. (Zoology), M.Sc.(Organic Chemistry) and F.Y.(Psychology).
To inculcate research culture in institution.	4 different workshops organized for faculties through IQAC and Staff Development and Welfare academy. Research Project Proposals were submitted by faculties to different funding agencies.

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

- Name of the statutory body

Name	Date of meeting(s)
CDC	13/01/2022

14. Whether institutional data submitted to AISHE

Part A

Data of the Institution

1.Name of the Institution	SHAHADA TALUKA EDUCATIONAL SOCIETY AND CO-OPERATIVE EDUCATIONAL SOCIETY LTD., SCIENCE SENIOR COLLEGE, SHAHADA DIST NANDURBAR
• Name of the Head of the institution	Dr. Shantaram Pundlik Badgujar
• Designation	Principal
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• Phone no./Alternate phone no.	02565223122
• Mobile no	8600888763
• Registered e-mail	principal.stcssc@gmail.com
• Alternate e-mail	spbnmu@gmail.com
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• Pin Code	425409
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• Type of Institution	Co-education
• Location	Rural
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• Name of the IQAC Coordinator	Dr. Ulhas Shamkant Sonawane				
• Phone No.	02565223122				
• Alternate phone No.					
• Mobile	9423504122				
• IQAC e-mail address	iqac.stcssc@gmail.com				
• Alternate Email address	sonawaneulhas@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year))	http://stcsciencecollege.com/AQAR/AQAR-2019-2020.pdf				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	http://www.stcsciencecollege.com/PDF/Academic-calendar/Academic-Calendar-2020-21.pdf				
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Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
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Cycle 2	B	2.42	2020	14/03/2020	03/05/2025
6.Date of Establishment of IQAC			30/06/2008		
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Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Nil	Nil	Nil	Nil	0	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of			View File		

IQAC		
9.No. of IQAC meetings held during the year	4	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	No	
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13.Whether the AQAR was placed before statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
CDC	13/01/2022
14.Whether institutional data submitted to AISHE	
Year	Date of Submission
2020-21	18/02/2022
15.Multidisciplinary / interdisciplinary	

Our college adheres to the curriculum set forth by the affiliating university, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon. Although students are permitted to learn about several disciplines through various lectures and workshops. The institution hosts a variety of seminars and talks on various subjects. Students are constantly encouraged to compete in events outside of the science subject. College faculty are developing several interdisciplinary/multidisciplinary curriculum by taking the future National Education Policy-20 (NEP-20) into consideration.

16.Academic bank of credits (ABC):

Currently Academic bank of Credit (ABC) not implemented in institution. As institution is affiliated to Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon we will follow directions specified by the University.

17.Skill development:

The institution supports students' career growth. Students who enhance their soft skills are more equipped to succeed in the workplace. The college organizes seminars and lectures for students to build their soft skills and personality which aid in advancing their career readiness. Other than curriculum defined by the university college design different Add On and Certificate courses to enhance the skills in students.

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

The College advocated the use of Indian language, culture, and value system even before the NEP 2020. The College conducts all of its activities and classroom instruction in bilingual format. In classroom teaching many times faculties used to teach in English as well as in Marathi to clear the concepts of students. Once there concept is clear students are advised to practice writing it in English. Along with that students are encouraged to participate in different competitions irrespective of language and faculty.

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

Affiliating university as well as college focused on the Outcome based education, so accordingly while designing syllabus Program and Course outcomes are clearly defined. While admitting students, college awares them regarding the Program outcome. Earlier to the Course being offered, the students are given an introduction on

the course details, course outcomes, the tentative lesson plan and course content/layout . With various choices being accessible to students in the CBCS it becomes crucial to lay out the objectives of the course and what the student is progressing to learn by the end of this course, this enables the student to make educated career choices by selecting the courses which are aligned to the students' career objectives.

20.Distance education/online education:

In the academic year 2020-21, our college embraced distance education and online learning as a response to the challenging times presented by the global pandemic. With physical classrooms out of reach, we swiftly adapted to conducting lectures through popular platforms like Google Meet and Zoom. Through these virtual classrooms, students and faculties connected seamlessly, ensuring uninterrupted learning from the safety of their homes. In this changing global scenerio about online education college started its YouTube channel "Science Senior College Shahada". On this channel different student development lectures by different departments, IQAC, NSS were make live. In addition to live classes, our dedicated faculties took an innovative approach by encouraging students to access supplementary educational resources from reputable platforms such as YouTube and NPTEL. These platforms provided a plethora of subject-specific videos and lectures, further enriching students' understanding of their coursework and facilitating self-paced learning. Furthermore, to expand our reach and cater to a broader audience, we took a significant stride by establishing a YCMOU (Yashwantrao Chavan Maharashtra Open University) center. This initiative offered courses in B.Com and M.Com through distance education. This move aimed to provide greater accessibility to higher education for learners who might face challenges attending traditional, on-campus classes. The transition to distance education was not without its hurdles, but the relentless efforts of our committed faculties and enthusiastic participation from students helped create a successful and engaging virtual learning environment. This note highlights our college's commitment to adaptability and innovation in the face of adversity, ensuring that education continued to thrive despite the circumstances.

Extended Profile

1.Programme

1.1

180

Number of courses offered by the institution across all programs during the year		
File Description		Documents
Data Template	View File	
2.Student		
2.1 Number of students during the year		562
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		275
File Description		Documents
Data Template	View File	
2.3 Number of outgoing/ final year students during the year		289
File Description		Documents
Data Template	View File	
3.Academic		
3.1 Number of full time teachers during the year		30
File Description		Documents
Data Template	View File	
3.2 Number of sanctioned posts during the year		39

File Description	Documents
Data Template	No File Uploaded

4.Institution	
4.1 Total number of Classrooms and Seminar halls	10
4.2 Total expenditure excluding salary during the year (INR in lakhs)	1.78881
4.3 Total number of computers on campus for academic purposes	80

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

Effective delivery of the curriculum is the most vital curricular aspect of the college. At the beginning of the academic year, every academic department prepares their departmental calendars according to activities decided by them during the year. Accordingly, the academic monitoring committee and IQAC prepare academic calendars for the college in sync with departmental and university academic calendars. The academic calendar includes a variety of activities such as an academic schedule, teaching days, internal and external exam timetables, various courses, holidays, and so on. The academic monitoring committee and departmental heads are continuously monitoring the implementation of the syllabus.

The department head assigns work to each faculty member in accordance with university guidelines. The timetable committee developed a timetable for theory, lab courses for each subject, which is followed by all departments. The teachers prepare their individual teaching plans for their subjects. Academic monitoring monitors the effective curriculum delivery. Internal examinations take place according to the university guidelines and as per the academic calendar. Considering the pandemic situation, the internal tests are conducted online.

A feedback system has been implemented for different aspects, including the curriculum. The collected feedback is analysed and the respective action is taken. Periodic assessment of curriculum delivery is conducted by IQAC through HODs.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	NIL

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

Internal evaluation is done by the guidelines of the university. The continuous internal evaluation system examination committee prepares the internal exam timetable with the guidelines of the college and university academic calendar. The continuous internal evaluation was done by the university guidelines. The prepared timetable was circulated through online mode to every student.

As per that, time tables for exams are prepared and implemented accordingly. The grievances are addressed after the internal examination by the individual faculty in the class. Along with that, the model answers were also discussed in the class. The college does internal evaluation at the institution level and university level so that the academic calendar for CIE can be effectively implemented. Along with university internal examinations, faculties conduct more unit tests to get the understanding of a subject to students.

Continuous internal evaluation involves the different assignments and seminars given to students, along with the internal examination.

The Academic Monitoring committee checks that the syllabus should be completed before the university examination. If not, it advises extra lectures to be scheduled by the department.

Every year, the examination committee holds meetings so that the exams will be conducted effectively. Also, at the end of the academic year, an annual report is prepared by the committee to make more enhancements in the process.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	NIL

<p>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</p>	<p>C. Any 2 of the above</p>
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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

3

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)

14

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

228

File Description	Documents
Any additional information	No File Uploaded
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 of our institute covers integrating cross-cutting issues relevant to professional ethics, gender, human values, the environment, and sustainability. The first year B.Sc. syllabus consists of environmental studies subjects, which involve educating people to preserve the quality of the environment. It creates awareness and sensitivity related to the environment and its related problems. The T.Y.B.Sc curriculum includes an Elective Audit Course. Practicing cleanliness, which enables students to know environmental ethics and understand health hazards, also helps students to understand their duty towards environmental issues. The NSS unit conducts events like blood donation and mask donation to reach out to the needy people. The NSS unit celebrates various days like Shiv Jayanti, Youth day, Women's Day to build social and human values in students. To create awareness about gender equality, the college arranges a special session on women's day. The S.Y.B.Sc Curriculum consists of skill-based subjects like Microprocessors and Applications, Microcontrollers and

Applications, etc. to develop the ability of students to apply the concept of electronics to students. Some skill-based subjects like software and hardware installation skills and network security are included in the syllabus, which develop professional ethics and skills in students to enhance some technical knowledge required in the future.

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

2

File Description	Documents
Any additional information	No File Uploaded
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	No File Uploaded
Institutional Data in Prescribed Format	View File

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

107

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

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	NIL
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	http://stcsciencecollege.com/AQAR-2020-21.php

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

562

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

275

File Description	Documents
Any additional information	No File Uploaded
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

In Science Senior College, Shahda students from diverse backgrounds take admission. Initially, at the first year XII standard, marks are considered as a student's learning ability. Furthermore, the classification of students is done on the basis of their class room unit and internal tests, university examinations, and their involvement in the classroom. Accordingly, the college designs the teaching mechanism for advanced as well as slow learners.

Advanced Learners:

Different guest lectures are organised for advanced learners. College always tries to provide a platform for students to interact with different personalities from different fields. Guest speakers are drawn from industry, research, and eminent academic figures. Competitive examination lectures are organised from time to time. Seminar activities are appealing to advanced students. Advanced students are motivated to participate in different college and university-level programs.

Slow Learners:

The institution believes that special attention should be paid to slow learners. As many students come from farming and tribal backgrounds, they have less confidence. To increase their learning level, teachers many times do their personal counseling, in which teachers find the root of the issue and try to give them a solution. Through notes and home assignments, teachers try to enhance the learning levels of slow learners.

File Description	Documents
Paste link for additional information	https://www.youtube.com/channel/UCMHhLBjLd_hkjVSuk2lEbLdA
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
562	30

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 college has completed the setup of ICT classrooms for effective classroom teaching. The college believes in two-way communication in the teaching and learning process. Teaching is made more effective by using different student-centric methods such as experiential and participative learning. Students are encouraged to participate in different seminars and workshops. Along with that, students are encouraged to participate in classroom seminars. For the delivery of the curriculum, the online teaching method was chosen for the academic year 2020-21. As 2020-21 is the COVID-19 pandemic year, the use of technology has increased during the teaching and learning process. Different online seminars are organised for the students' development. Students have been given the opportunity to interact with industry experts through online lectures and seminars. Seminars on

Opportunities for higher education and jobs in foreign industries, Industry-Specific Challenges, Job Skills and Career Trends in the Post COVID-19 Scenario, Cloud and Cloud Technology, and Bit Manipulation were organized. Also, the students are motivated to participate in different activities like street plays to nurture their leadership qualities and inculcate social responsibility within them.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://www.youtube.com/watch?v=QeHJHE5hpY&list=PL64WDv3zhpmHN5h0jm05b_wvUfMkbr-8M

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

The institution believes in the adoption of modern technology in the education process for effective teaching and learning mechanisms. In this regard, there are eight classrooms that are equipped with projector facilities. Along with the classrooms, the labs of the Department of Computer and the Department of Biotechnology are also equipped with projector facilities. Faculties always use PowerPoint presentations to create curiosity about hard topics in students. During the pandemic of COVID-19, faculties used online platforms like Google Meet and Zoom for teaching. Some faculties used the LMS of Google Classroom. Along with it, the faculties used Google forms for conducting online unit tests and university internal examinations. Sometimes students are advised to use open educational resources like YouTube videos, NPTEL, Coursera, Udemy, etc.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

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

26

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

30

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

2

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

4

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 institution's internal assessment is transparent and robust. As our institution is affiliated to KBCNMU, Jalgaon, we follow the regulations directed by the university. During this pandemic of COVID-19, universities implemented the online examination system. We adopted the online examination system for internal use in analogue to the university examination system through Google Form. The internal examinations are carried out as per university norms. Faculties have created a class-wise WhatsApp group for communication with students. The internal related notices are posted in the class whatsapp group. Our university adapted the semester-wise CBCS system. So, as per university guidelines, the internal test for 40 marks is conducted online on specific dates. The internal timetable is communicated with the students through a Whatsapp group. As many students from our institute belong to tribal and rural backgrounds, sometimes it happens they cannot attend the test within the specified time. In that case, teachers have freedom to allow them after the specified time by considering the issue. A question paper is discussed at the time of the online class.

File Description	Documents
Any additional information	View File
Link for additional information	NIL

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

The student is the main stakeholder of the HEI. Keeping this thing

in mind, the institute adheres to a transparent mechanism for any type of grievance by students. The academic calendar is prepared before the beginning of the academic year. The examination committee decides the tentative dates of internal examinations and, accordingly, all the departmental and college activities are planned. If there are any grievances related to the university examination, then those are communicated with the university through the principal. A transparent mechanism is implemented for internal examination. The model answer key for the internal question paper is discussed in the classroom during a lecture by the respective faculty. In this discussion, if a student has a complaint about a question, it is addressed in class.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

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.

In this era of competition, the institute believes in outcome-based education. The college always tries to provide skilled manpower to the industry, so we are running applied courses in our institution. Accordingly, the POs and COs are designed for complete learning of a programme and course, which will be helpful for the student's career. The college has an effective mechanism to correspond with the POs and COs to the students. The POs and COs are displayed on the website. Also, in the classroom, before the start of the class, POs and COs are discussed by faculties in the classroom. Along with that, before getting admission, our counselling team gives the idea of POs and COs to students.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	http://stcsciencecollege.com/outcomes.php
Upload COs for all Programmes (exemplars from Glossary)	No File Uploaded

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

The institution employs two methods to evaluate the Programme outcomes and course outcomes: the Direct Method and the Indirect Method.

The Direct Method focuses on assessing program and course attainment through internal and external examinations. Internal exams are designed and conducted by the institution itself, allowing for the evaluation of students' knowledge, skills, and competencies directly related to the POs and COs. External exams, on the other hand, involve assessments conducted by external bodies in the field, which provide an unbiased perspective on the achievement of desired outcomes.

In contrast, the Indirect Method involves assessing the attainment of POs and COs through alternative means such as seminars, question answering sessions, and other interactive platforms. These methods create opportunities for students to showcase their understanding, critical thinking abilities, and practical application of the concepts learned. Seminars provide a platform for students to present their demonstrating ability to integrate and apply the knowledge gained. Question answering sessions allow students to articulate their understanding and problem-solving skills in response to specific queries.

The Direct Method assesses theoretical knowledge and conceptual understanding through exams, while the Indirect Method focuses on application-oriented and communication skills demonstrated through seminars and question answering sessions. By utilizing both methods, the institution achieves a comprehensive evaluation, ensuring the effectiveness of programs and courses in meeting desired learning outcomes and promoting continuous improvement in education quality.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	NIL

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

286

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	NIL

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)

<http://stcsciencecollege.com/PDF/AQAR-20-21/2.7-20-21.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

0

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

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

3.1.2.1 - Number of teachers recognized as research guides

0

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

0

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	NIL

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 organizes different activities to inculcate the research attitude among the staff and students. Along with this, there are a number of programs organized to transfer knowledge from experts and working professionals besides the regular curriculum.

1) Through IQAC and Staff development academy, four workshops on research were organized on the topics entitled.

- Two Days Workshop On Basics Of Research Methodology
- Different Funding Agencies and Writing Research Projects
- One Day workshop on Research Project Writing
- Patent an Overview

2) IQAC takes initiative to nurture the students' development through programs like..

- Student Development through Science Education

3) The VIKAS Competative Examination cell was established to inform students about different competitive exams. Through the lecture series, students were guided by different officials.

4) Along with that, there were different departmental activities organized to explore the knowledge of educators and industry professionals for the students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	NIL

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

4

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

0

File Description	Documents
URL to the research page on HEI website	NIL
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

1

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

3.3.3 - 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

0

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

The college is committed to the holistic development of students and its transformation into good citizens. The different extension and outreach activities seem to be very impactful on this

transformation.

Our institution executes these activities through NSS under the leadership of different faculties. These activities were accomplished in collaboration with different NGO's like CYDA, Gangotri Foundation. During the execution of these activities, students are explored in society to spread awareness on social issues like cleanliness, health, constitution, integrity etc. These activities give great insight to students into these issues. These activities are useful to the neighborhood community for awareness about said issues.

During the academic year 2020-21, the following activities were planned and carried out.

- Rally for vaccination awareness campaign (In villages Tikhora, Sonwad, Mhasawad)
- Rally for vaccination awareness campaign (In Shahada City)
- Online lecture on the occasion of Kargil Vijay Diwas
- Online Lecture "Our constitution and We"
- FIT India Movement
- Gandagi Mukta Bharat Campaign
- World Toilet Day
- Integrity Pledge for Organization
- Constitution Day
- Blood Donation Camp

File Description	Documents
Paste link for additional information	http://www.stcsciencecollege.com/AQAR-2020-21.php
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

1

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

12

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

517

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

0

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	No File Uploaded

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

02

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The college has a campus area of 3 acres approximately. The college is located in the heart of the city. The science college runs both UG and PG programs. The college has adequate facilities

for students.

Classrooms: There are nine classrooms with an ICT facility (LCD projector). In these classrooms, we are using chalk and duster. The classrooms are designed in such a way that students can concentrate on learning. These have good ventilation.

Laboratory: There are 9 laboratories in our institution for all the subjects. All labs are enriched with an adequate number of instruments, chemicals, and apparatus as per the syllabus prescribed by university. All the laboratories are designed as per the needs of the subject. In chemistry and biotechnology laboratories, fire extinguishers are for safety purposes. In a chemistry laboratory, exhaust fans escape the gases coming from the synthesis of derivatives.

Computing Equipment: The college has 91 computers and related accessories for teaching as well as practical purposes. Software used is MATLAB, Turbo c, Editplus, Jupyter Notebook, SQL Server, Netbean, Pl/SQL, mysql, c free. The college has 1 server with 16 GB of RAM. The college has 9 LCD projectors, printers, and scanners.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	NIL

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

For cultural activities, we have a state-of-the-art seminar hall equipped sound system. This spacious venue serves as the perfect setting for hosting a wide variety of cultural events, including music concerts, dance performances, drama productions, and guest lectures. Students have the opportunity to showcase their artistic skills and talents within this well-furnished and acoustically optimized space.

In terms of sports facilities, our college boasts an impressive indoor hall spanning an area of 24m*40m. This versatile space is designed to accommodate multiple sports and games. Within this facility, we offer various indoor games, such as badminton, table tennis, shooting range, archery, and chess. These facilities

provide students with the opportunity to engage in friendly matches, competitive tournaments, and practice sessions, allowing them to develop their skills and passion for these sports.

Moreover, we understand the significance of outdoor activities in promoting physical fitness and teamwork. Our institution offers an array of outdoor facilities to cater to different interests. These include a basketball court, volleyball ground, kho kho ground, kabaddi court, discus throw area, and a cricket ground. These facilities are meticulously maintained and provide ample space for students to participate in team sports, improve their physical abilities, and cultivate a spirit of sportsmanship.

To prioritize the overall well-being of our students, we have also established a gymnasium and a yoga center.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	NIL

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

9

File Description	Documents
Upload any additional information	View File
Paste link for additional information	NIL
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)

0.0591

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)

The institution's library has embraced technological advancements by implementing an Integrated Library Management System (ILMS) called LIBMAN (Cloudbase). This automation initiative has significantly enhanced the efficiency and accessibility of library resources, facilitating a seamless experience for students, faculty, and staff.

LIBMAN (Cloudbase) serves as the designated ILMS software employed in our library. This software is specifically designed to streamline library operations, including cataloging, circulation, acquisition, and management of resources. With LIBMAN, library staff can efficiently handle tasks such as issuing books, tracking due dates, managing reservations, and generating reports.

While the library's automation process is labeled as partially automated, it still represents a significant step towards improving library services. The ILMS software allows for a range of automated functions, reducing manual work and enabling more streamlined processes. The ILMS assists in managing library memberships and tracking borrowed items.

The current version of LIBMAN (Cloudbase) employed in our library is 4.5. This indicates a commitment to staying up-to-date with the latest software advancements and benefiting from the enhancements and improvements offered in each new version.

The automation of our library using LIBMAN (Cloudbase) began on 4th April 2019. Since then, the library has experienced enhanced efficiency. This automation initiative has not only improved the user experience but has also empowered library staff to better manage and maintain the library's resources.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	NIL

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

E. None 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)

0.00971

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

1.22

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's IT facilities are kept up to date. The college has a broadband connection up to 200 mbps speed.

All the departments, the library, and offices are networked through LAN with an internet connection. A WIFI facility is also available on the college campus. All the classrooms are ICT enabled with LCD projectors. The library is automated with LIBMAN software. The office is automated with Cloudbased Masters Software. Due to the COVID-19 pandemic, online admission and online fee payment facilities are available for students. During the COVID-19 pandemic, the college has updated its teaching using ICT facilities (LCD Projector) with the help of software like Zoom Meeting, Google Meet, etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

91

File Description	Documents
Upload any additional information	View File
List of Computers	No File Uploaded

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)

1.72

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.

Our institution believes in the proper utilization of available infrastructure and its appropriate usage for student development. Keeping this thing in mind, many procedures are decided.

- **Classroom:** Regular cleaning and maintenance are carried out to provide effective learning. If there is some complaint about classroom by student it is timely addressed. Regular monitoring and repair of electrical and plumbing fixtures is done. The timetable is set to maximize classroom utilization. Practical batches are prepared so as to give experience to the students.
- **Laboratory:** An annual maintenance charge is reflected in the bill at the time of purchase of some instruments. Regular servicing and maintenance are carried out on the instruments. Service engineers are called for the repairs.
- **Library:** Annual charges, including maintenance for the

LIBMAN software. Computerized issue and return of books is done to save time. The library is kept open during vacations for students. There are two browsing centres in the library for the students.

- **Computer:** Regular updates for the hardware and software are made. Maintenance and repair are done by a local IT service provider. Computers are distributed in departments, offices, libraries, and computer labs. All are connected through LAN.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	NIL

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

277

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

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

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

0

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

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

B. 3 of the above

File Description	Documents
Link to Institutional website	NIL
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

0

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

0

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)	No File Uploaded

5.1.5 - The Institution has a transparent mechanism for timely redressal of student

B. Any 3 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

2

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

27

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

3

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.

NIL

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)	No File Uploaded

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)

Our student representatives are important members of the different college Committees. Their suggestions and feedback allow us to plan and adapt our programs and policies thus maintaining optimum impact and dynamism. We encourage student participation while executing the college activities. We always encourage students to give feedback about infrastructure, teaching learning mechanism and anything they believe directly to the Principal or staff.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	No File Uploaded

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

0

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
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)	No File Uploaded

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

In 2009-2010, the alumni association was established. The association has consistently taken the lead in the many activities and events that the institution hosts. The Alumni Association was started in each department's own unique way by gathering information about their former students, maintaining a record of their academic accomplishments, and inviting them once or twice a year to speak to the current students, staff, and administration to discuss how to develop programs that will be successful for the institution and advance the interests of the students and staff.

We have a culture that when alumni comes to college he or she talks with the staff as well as students to share their experinece,which explores us the corporate world.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	No File Uploaded

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

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

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 management council and College Development Committee are the apex bodies of College. These are responsible for designing the policies, plans and their execution in accordance with the vision and mission of college. The college development committee (CDC), the IQAC, the principal, and all faculty members play a significant role in developing and implementing a strategic plan to improve teaching, learning, research, and extension activities. Faculty members participate in the college's governing body as well as various committees to help the college achieve its goals.

The CDC, Principal, IQAC, and faculty collaborate and participate in the formulation and implementation of quality policies in teaching, learning, research, and extension activities. The IQAC has prepared the perspective plan for academic year 2020-21 considering vision and mission along with comments received by recent visit of NAAC peer team. While designing perspective plan for academic year

2020-21 following points are considered.

- Introduction of new courses considering the local need and student's future.
- To strengthen competitive examination cell for student development.
- To enhance research attitude in students and teachers.
- To inculcate the social responsibility through different extension and outreach activities.

File Description	Documents
Paste link for additional information	http://stcsciencecollege.com/mission.php
Upload any additional information	No File Uploaded

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

The institution practices decentralization & participative management in academics and in administration. The principal of college and Governing council of the college meets regularly to discuss about the college affairs and its development. First the management takes major policy decision such as finance and infrastructure development. The all members of LMC or CDC discuss matter related teaching and Non teaching staff and the college academic budget. The IQAC reviews the plan of action approved by management and makes concrete suggestion for its implementation. The principal is responsible for implementation of the plan of action by assigning specific responsibilities to the staff members.

Apart from IQAC Subcommittee like examination, Student development, Anti ragging, Grievance readdress Committee, Academic Monitoring Committee, Library Committee, Examination Committee etc. are formed for smoothing of college work. Faculties and student representatives along with some times non teaching representatives are involved in these committees. Decentralization of responsibilities is needed for smoothening of administrative work. College has different heads for different departments who involved in decision making processes of academic matters. Along with faculties' student centric positions like librarian and physical director always involved in student development discussions and decisions.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

College management has belief on the making strategic planning to go towards the vision and mission of institution. In accordance every year IQAC prepares the strategic planning according to feedback from different stakeholders. At the end of academic year 2019-20 also feedback comments are received by NAAC during 2nd cycle accreditation. Accordingly strategic plan for academic year 2020-21 was prepared by IQAC and approved by CDC.

- A National webinar on Understanding of PO, PSO and CO's was

organized. This activity got remarkable success, all over India more than 350 participants were participated in this webinar.

- Proposal for new courses according to local needs were proposed in front of CDC and proposals for M.Sc. in Organic Chemistry, Third Year B.Sc. in Zoology and First B.Sc. in Psychology were sent to from academic year 2021-22.
- Research based seminars/workshops about basic research methodology; research funding and writing proposals along with IPR were organized for teachers.
- Extension activities were extensively strengthened by involving CYDA.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	NIL
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 College's organizational structure aids in its seamless operation. The policy making body is the Management Council. It is responsible for the general management of the College. The policies are decided by considering existing priorities, local needs along with the national educational policies. Also regular feedback is taken from all stake holders and analyzed it. Regular interaction between management, CDC and principal refines or prioritize the things. The planning of development is decided by the Head of the institution in consultation with the Management Council.

The Principal is the Institution's academic and administrative head. The IQAC and various subcommittees support him in his responsibilities. IQAC takes care for the quality improvement measures in institution.

Different departmental heads are responsible for daily activities of department. Departmental heads directly reports to the principal to update departmental progress and asks for direction in any administrative issue or requirement. Academic Monitoring committee and departmental heads monitors the academic related

work. Different committees are formed for effective functioning of the college. OS coordinates all administrative work. He is supported by other clerks and support staff. Librarian responsible for the library related work.

File Description	Documents
Paste link for additional information	NIL
Link to Organogram of the institution webpage	Nil
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	No File Uploaded
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

Managment and college always in favor of development of each stakeholder. For teaching and non-teaching staff college provides different facilities for the welfare of teaching and non-teaching staff.

- For the professional development of teaching and non-teaching staff "Staff Development and Welfare Academy" was established. Four workshops and seminars on research and IPR were organized through Staff Development and Welfare Academy in collaboration with IQAC.
- Study Tourof staff to different institutions to explore

ourselves

- Different leaves such as Casual Leave, Duty Leave, maternity leave, medical leave are provided to staff.
- Immediate sanction of leave in COVID-19 cases
- Arrangement of Vaccination program for staff in collaboration with our Junior college.
- The college provides college Uniform to non-teaching staff and concession for teaching staff in uniform.
- Provision for festival or marriage ceremony advance for staff.

File Description	Documents
Paste link for additional information	Nil
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

0

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)	No File Uploaded

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

4

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
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

1

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

Every academic year, all faculty members keep records of performance-based appraisals, which are submitted to the IQAC office at the end of the year. Teaching, administrative work, ICT teaching-learning methods, research publication, and other

activities are included. The IQAC assisted with the completion of the appraisal form and kept track of it. The IQAC assessed each faculty's appraisal form. Non-teaching employees are evaluated using a confidential report system. At the end of the academic year, the teaching staff fills out a confidential report, which is then evaluated by the principal.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	No File Uploaded

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

The college accounts are audited for each financial year and the general audit report are received and submitted to the governing body. (Management body) for approval in the annual general body meeting. The income, the expenditure account and balance sheet internally audit by Mr.VinayakPatil, Main account of our S.T.E.S.And Co-Op Edu. Society. On other hand External audit are done by P. D. Dalal and company, Dhulia (MH) main chartered Accountant. They conduct the audit in accordance with auditing standards of India.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	No File Uploaded

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

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

0

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

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

The institution mainly generates fund through college fees by students. The college adapted the system for optimal utilization of resources. At the start of the academic year, the conveners of several staff council committees and the head of department are requested to outline their requirements. This is to ensure that laboratories, libraries, computing facilities, classrooms, and equipment and facilities are maintained and upgraded on a regular basis. The college authority asks requirements from all departments. These requirements are given priority before processing. Afterwards list has been compiled, after which the purchase committee verifies the criteria and requests at least two bids from outside agencies before placing an order. The use of funds mobilization from cash inflow is mainly from collected fees by students. The optimal utilization of resources is done for the effective and efficient teaching learning process and overall development of student. All the financial related matters and billing processed by office section.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

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

- The IQAC of science senior college has been performing the following tasks on a regular basis.
- Improvement in quality of teaching and research by regular inputs to all concerned based on feedback from students.

- IQAC encourage to faculty introducing the new skill development course, bridge course, short term certificate courses for students.

- IQAC encourage to faculty for involvement in conference, workshop and seminar.
- IQAC promotes faculty members for registration in Ph.D programme.
- IQAC organized or invited speaker for staff on research methodology, report writing and minor research project.
- IQAC significantly contributed to create healthy environment in college campus.
- IQAC encourage to staff taken ICT based teaching and learning process.
- IQAC meet with stakeholders mainly alumni and students at regular interval and take feedback.
- IQAC providing inputs for academic and administrative audit and analysis of result for improvement in areas found week.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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 of science senior college has been performing the following tasks on a regular basis.

- Improvement in quality of teaching and research by regular inputs to all concerned based on feedback from students.
- IQAC encourage to faculty introducing the new skill development course, bridge course, short term certificate courses for students.
- IQAC encourage organizing different seminars, workshops and guest lecturers for faculties and students.
- IQAC organized National level webinar on Understanding of PO, PSO and CO.
- IQAC initiates to submit proposal for new courses in UG and PG
- IQAC promotes faculty members for registration in Ph.D programme.

- IQAC organized or invited speaker for staff on research methodology, report writing and minor research project.
- IQAC significantly contributed to create healthy environment in college campus.
- IQAC encourage to staff taken ICT based teaching and learning process.
- IQAC meet with stakeholders mainly alumni and students at regular interval and take feedback.
- IQAC providing inputs for academic and administrative audit and analysis of result for improvement in areas found week.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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)

D. Any 1 of the above

File Description	Documents
Paste web link of Annual reports of Institution	NIL
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	View File
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

Equality for men and women assures that men and women, as well as boys and girls, have the same rights, resources, privileges, and protections. At S.T.E.S. & Co-Op. Educational Society's Ltd. Science Senior College, Shahada, gender equality is one of the main priorities. The goal of this annual gender sensitization action plan is to enhance multiculturalism, tolerance, harmony, and women empowerment among students and employees. The College will offer more gender equality program in order for students to know that equality is the essence of democracy. CCTV cameras have been deployed at key spots throughout the campus to ensure safety and security. Peonshave also been appointedby the college to keep an eye on the entire campus. The Laboratory Assistants are in charge of keeping the equipment in good working order safely. The college established different committees for student safety, such as anti-ragging and anti-sexual harassment. The institution also includes a counseling committee for students, which tries to address day-to-day issues of concern. The college has a common room where first aid facility is provided with various other facilities.

File Description	Documents
Annual gender sensitization action plan	http://stcsciencecollege.com/PDF/AQAR-20-21/7-1-1-I-20-21.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://stcsciencecollege.com/PDF/AQAR-20-21/7-1-1-II-20-21.pdf

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

B. Any 3 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: On a daily basis, waste is collected from various sources and divided into dry and wet waste. Solid garbage is collected in various colored bins across the college grounds, and the material is subsequently segregated and collected by municipal corporation trucks for proper disposal.

Liquid waste management: The institution has an internal drainage system connected to sock pits. Extremely hazardous compounds are not utilized in the laboratories. After reasonable treatment, the waste is drained. While draining the liquid waste, an attempt is made to dilute it. Some wastes are burned, while waste created by biotechnology departments is autoclaved and disposed of in the drainage system

- **Waste recycling system:** The waste water from the college drainage system was connected to a soak pit, which might help to raise the ground water level.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
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

C. Any 2 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:

B. Any 3 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	No File Uploaded
Any other relevant documents	No File Uploaded

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

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

A. Any 4 or all of the above

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

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

B. Any 3 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	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

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).

The majority of the students admitted to our institution come from remote villages and our institute is situated in the tribal area of Shahada, it is very convenient to teach and undertake subject discussions in many languages, including English and the local language. The institution constantly seeks to provide people the flexibility to celebrate local festivals. Community and environmental awareness are one of today's most urgent issues, and our institution is continually involved in initiatives and activities that benefit the environment and the local community. To educate the public about COVID-19 vaccination in cities and villages during the pandemic, the institute arranged several programs. To raise awareness of the health advantages of yoga and to inform students of how the practice of yoga may enhance both their physical and mental health, yoga day was celebrated in the institution by hosting an online webinar. For faculty to improve their understanding of the share market for potential future investments, the staff development academy of the institute conducted a webinar on share market investment and management.

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

The institution is always running different initiatives to promote citizens' values, rights, obligations, and responsibilities. To raise awareness of patriotism, the institution celebrated Independence Day and Republic Day in the academic year 2020-21. Constitution Day was commemorated at institutions to promote citizens' rights, duties, and responsibilities. The organization arranged an Integrity Pledge for all employees, and they all pledged to be honest. A blood donation camp was also held, with several people donating blood. Various awareness activities, such as a World Toilet Day rally and a Vaccination Awareness Campaign event, were also held.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://stcsciencecollege.com/PDF/AQAR-20-21/7-1-9-20-21.pdf
Any other relevant information	NIL

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to 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

C. Any 2 of the above

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

The institution held numerous activities and commemorated several days. To encourage national education, the college commemorated National Education Day. National Unity Day was celebrated, and students pledged to promote national unity by taking a unity pledge. A webinar speech was also given on the occasion of Youth Day (Yuva Din) to enlighten the minds of our institution's youth. On the occasion of Dr. Babasaheb Ambedkar's jayanti Webinar Speech on our Indian Constitution, Bhakti Bhave delivered a speech. There were also celebrations like Vachan Prerana Diwas, Shiv Jayanti, and Hutatma Din.

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	No File Uploaded

7.2 - Best Practices

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

The institution implemented two best practices one is related to teachers' development and the second is related to environmental energy conservation. Best Practice-1 Seminars/Workshops on Research and IPR for Faculty Development. The objective is to understand research and methodology along with developing a

research proposal or project for grants. IQAC of institution organized the following programs

- Two Days Workshop on the Basics of Research Methodology.
- One Day Workshop on Research Project Writing.
- One Day Workshop on Patent an Overview.
- Seminar on Different Funding Agencies and Writing Research Project

Best Practice-2 Roof Solar Panel and its analysis. The objectives are to protect the environment and to control the cost of electricity. The institute installed a 5 KW solar panel and examined the energy generated by the solar panel. Installed solar panels generated roughly more than the requirement of the institute yearly. The project's main constraints are its high cost and reliance on the weather. In 2020-21, it was discovered that the institute's entire annual power requirement was 3166 KW and the yearly energy generated by the panels was 5240 KW in 2020-2021.

File Description	Documents
Best practices in the Institutional website	http://stcsciencecollege.com/PDF/AQAR-20-21/7-3-1-20-21.pdf
Any other relevant information	Nil

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

- Institute not only teaches technical education but also teaches the role and responsibilities of citizens to the students.
 - During the time of the covid pandemic, the institute organized various awareness programs in shahada city, Mhasawadand Sonwad village for COVID-19 vaccination awareness.
 - Institute organized the various extension activity like World Toilet Day Rally in Shahada City in

collaboration with CYDA, Vaccination Awareness Program, slogan writing, and Blood Donation Camp. One of the most pressing issues of the day is environmental awareness, and our institution is constantly working on activities and programs that help the environment. The institute designed and constructed a rainwater harvesting installation on its campus to preserve water.

- As per the environment promotional program conducted by the institution, the Mahatma Gandhi National Council of Rural Education (Ministry of Education, Govt of India) recognized the institute as District Green Champion for Nandurbar District for the Academic Year 2020-21.
 - The Institution has successfully set up the Swachhta Action Plan Committee and adopted and implemented best practices in the areas of Sanitation, Hygiene, Waste Management, Water Management, Energy Management, and Greenery Management.
- Institutions always try to Motivate the staff and students through various workshops and seminars.

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

1. To celebrate several occasions in to promote a scientific and social perspective.
2. To increase ICT use in teaching-learning activities and e-content creation.
3. For students, field trips and study tours will be planned.
4. Encouraging teachers to participate in refresher/induction courses and faculty development programmes to improve educators' quality.
5. To make placement cell stronger and try to organize various skill development program.
6. To motivate the faculties to prepare and submit the various research proposal for research funding.
7. To prepare research, maintenance policies and procedure.
8. To start M.Sc. organic chemistry, T.Y.B.Sc. Zoology and F.Y.B.Sc. Psychology.

