# YEARLY STATUS REPORT - 2022-2023

| Part A |
| --- |
| **Data of the Institution** |

| 1.Name of the Institution | SHRI SHIVAJI SCIENCE COLLEGE, AMRAVATI |
| --- | --- |
| • Name of the Head of the institution | DR. G. V. KORPE |
| • Designation | PRINCIPAL |
| • Does the institution function from its own campus? | Yes |
| • Phone no./Alternate phone no. | 07212660855 |
| • Mobile no | 9822643575 |
| • Registered e-mail | korpegv@rediffmail.com |
| • Alternate e-mail | korpegv@gmail.com |
| • Address | Shivaji Nagar, Morshi Road |
| • City/Town | Amravati |
| • State/UT | Maharashtra |
| • Pin Code | 444603 |
| 2.Institutional status | |
| • Affiliated /Constituent | Affiliated |
| • Type of Institution | Co-education |
| • Location | Urban |

| | | |
|---|---|---|
| • Financial Status | Grants-in aid | |
| • Name of the Affiliating University | Sant Gadage Baba Amravati University, Amravati | |
| • Name of the IQAC Coordinator | DR. W. S. BARDE | |
| • Phone No. | 07218275217293 | |
| • Alternate phone No. | 9403054350 | |
| • Mobile | 9403054350 | |
| • IQAC e-mail address | iqacshivajiscamt@gmail.com | |
| • Alternate Email address | wamanbarde81@gmail.com | |
| **3.Website address (Web link of the AQAR (Previous Academic Year)** | https://www.shivajiscamt.org/pdf/AQAR_2020-21.pdf | |
| **4.Whether Academic Calendar prepared during the year?** | Yes | |
| • if yes, whether it is uploaded in the Institutional website Web link: | https://www.shivajiscamt.org/pdf/College%20Academic%20calender%202022-23.pdf | |

**5.Accreditation Details**

| Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to |
|---|---|---|---|---|---|
| Cycle 1 | Four Star | Nil | 2001 | 05/11/2001 | 04/11/2005 |
| Cycle 2 | A | 3.10 | 2004 | 04/02/2008 | 03/02/2013 |
| Cycle 3 | A | 3.13 | 2015 | 15/11/2015 | 14/11/2020 |
| Cycle 4 | A+ | 3.42 | 2022 | 06/11/2022 | 05/09/2027 |

| **6.Date of Establishment of IQAC** | 01/12/2003 |
|---|---|

**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? | Yes | |
| • If No, please upload the minutes of the meeting(s) and Action Taken Report | No File Uploaded | |
| 10.Whether IQAC received funding from any of the funding agency to support its activities during the year? | Yes | |
| • If yes, mention the amount | 3.094 Lakh | |

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

1. Increased enrollment of students and mentor teachers for online MOOC on NPTEL platform.

2. Initiated Earn while Learn Scheme for students.

3. Financial support to students and teachers for innovative research projects.

4. A workshop on "Handling Digital Tools like Google drive, G-forms, G-sheets" for Non-teaching staff .

5. A workshop on "ERP based Stock Management" for office and Laboratory staff.

**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 |
|---|---|
| 1. New courses M.Sc. Microbiology & Geo informatics to be introduced | M.Sc. Microbiology course is introduced |
| 2 Skill based courses as per NHEQF will be designed and get approval of affiliating university. | Five skill based courses designed and get approved by the affiliating university |
| 3. More efforts will be taken to increase students' enrollment for skill based courses offered by the college and also for the courses on NPTEL MOOC platform | Out of 2172 total enrolled students, 694 students are enrolled and completed online skill based courses |
| 4. Augmentation of Infrastructure and Resources to run new programs | Extension of Microbiology laboratory for M.Sc. Microbiology. |
| 5. Infrastructure and ICT facilities such as learning management systems, digital resources, and classroom technology will be enhanced to support teaching and learning. | Digital resources and ICT facilities in classrooms are increased. |
| 6. Curricular activities such as seminars, quizzes, group activities, field visits , survey, case studies, excursions etc will be encouraged for better learning outcomes. | More than 8 workshops were organized for the students and about 480 students were benefitted. Similarly, more than 18 field visits were successfully organized and about 700 students were benefitted. |
| 7. Financial support and guidance will be provided to students for their innovative research projects. | Faculty and students both were provided a financial support of more than 2 lakh for their innovative research project. |

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

- Name of the statutory body

| Name | Date of meeting(s) |
|---|---|
| College Development Council | 04/10/2023 |

## 14.Whether institutional data submitted to AISHE

| Year | Date of Submission |
|---|---|
| 2022-23 | 22/02/2024 |

## 15.Multidisciplinary / interdisciplinary

The institution is an affiliated college of Sant Gadage Baba Amravati university. The university has launched already CBCS curriculum for UG programs from the ac3-24. The institute has been offering major science courses (Physical, Chemical, Life, Mathematical, Earth and Computer Sciences) and vocational courses (Forensic Science, Data Science and Computer Applications, Biotechnology) for the UG and PG degree programmes.  In the CBCS framework, curriculum offered by affiliating university includes Generic Open Elective Courses and Ancillary Elective Courses which makes the curriculum multidisciplinary.  The institution offers PhD programmes with adequate research facilities in major science subjects and multidisciplinary subject like Physical Education. The faculty and research students are encouraged to undertake interdisciplinary/multidisciplinary research projects. The HEI has established MoUs with other HEIs and research institutes offering some special courses, so that students can opt for these courses. The HEI is now offering CBCS curriculum at UG and PG level programs.

## 16.Academic bank of credits (ABC):

The affiliating university has introduced a Choice Based Credit System for UG and PG degree programs for affiliated HEIs and also registered for ABC. So, the students enrolled for UG and PG programs in academic session 2022-23 are registered for ABC.

## 17.Skill development:

The affiliating university initiated the implementation of CBCS UG programmes which are in consistent with the objectives of NEP of fostering quality and outcome-based education. Along with the mandatory skill courses in the CBCS structure of the university, the NPTL's local chapter of the college is providing a wide exposure to the skill courses available on SWAYAM's MOOC. A larger body of students choosing this distance learning modes to enhance the skills. Career-oriented programs/Skill courses like Astronomy and Astrophysics, Clinical Laboratory Technology, Cosmetology, Eco-

tourism and wildlife photography, Gardening and Land Scalping are introduced as add-on courses at the UG level which have flexible entry and exit. To set up the centre for topmost Indian and Foreign Universities offering courses on top demanding skills. The Institute will focus on the courses that encompass Basic Skill building, Sector Specific training Pre-Employment Training and Allied Activities. Institute is planning for starting contemporary subjects such as Artificial Intelligence, Design Thinking, Data Analytics, Machine Learning, and Holistic Health at the undergraduate level which are touted as the career choices of tomorrow. The institute is registered for Spoken tutorial, an online initiative by IITs, here students can learn various free and Open Source Software all by themselves.

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

Teachers are encouraged to create subject material in the regional language and to translate vocational courses and valueadded online courses run by the institute into the regional language. Teachers are encouraged to write scientific articles in the local newspapers and deliver popular science lectures in the regional languages. The courses will be designed for the promotion and improvement of local skills in the local language.

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

The new model under NEP called STEAM-focused on experiential, application-based learning and research-based internship. As a part of holistic, all encompassing education, students will be given internship opportunities with local industries, businesses and local communities as well as research internships to improve their employability. PhD students and faculty are encouraged to undertake high quality outcome-based research so as to produce intellectual property (Patents and Copyrights). Students are encouraged to participate in various Tech-Fests, Science Fairs, Innovation, Competition, etc. for exploring the practical side of their learning and promoting innovation among students. The research internships with faculty and researchers at their own or other HEIs/research institution for undertaking product-based research and to further improve their employability and entrepreneurship.

## 20. Distance education/online education:

NEP emphasized distance education / online education expand the access to education and training for employed students; since its flexible scheduling reduce the effects of the time constraints imposed by personal responsibilities and commitment. The Institute

has already started working on these aspects. The facility is created for imparting online education and teachers are encouraged to create online add-on and skill courses. Teachers are encouraged to develop e-content and online teaching material. To cope up with the advanced teaching skills and to understand current online teaching trends, teachers are Page 10/123 17-05-2023 01:44:17 Annual Quality Assurance Report of SHRI SHIVAJI SCIENCE COLLEGE encouraged to participate in advanced pedagogy training programs. The institute is registered as SWAYAM-NPTEL Local Chapter and the students are encouraged for enrolling on the SWAYAMNPTEL courses from where the students can earn credits from renowned HEIs. The institute is Nodal Center Amrita University Virtual Lab. It is providing an opportunity for all the students of the institute to use virtual labs, free of cost under the Nodal Center Programme. It is to provide high-quality remote laboratory access in science discipline for students and teachers of the country through vlab.amrita.edu and is applicable to undergraduate and postgraduate students including Physical Sciences, Biological Sciences, Chemical Sciences, Computer Science and Electronics. The institute is registered for the spoken tutorial- an online initiative by IITs, where one can learn various Free and Open Source Software all by oneself. To set up the centres for universities offering distance education and online education on top demanding skills.

## Extended Profile

### 1.Programme

| 1.1 Number of courses offered by the institution across all programs during the year | **124** |
|---|---|

| File Description | Documents |
|---|---|
| Data Template | [View File](#) |

### 2.Student

| 2.1 Number of students during the year | **2172** |
|---|---|

| File Description | Documents |
|---|---|
| Institutional Data in Prescribed Format | [View File](#) |

| 2.2 | **405** |
|---|---|

| Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year | |
|---|---|

| File Description | Documents |
|---|---|
| Data Template | [View File](#) |

| 2.3 <br><br> Number of outgoing/ final year students during the year | **787** |
|---|---|

| File Description | Documents |
|---|---|
| Data Template | [View File](#) |

## 3.Academic

| 3.1 <br><br> Number of full time teachers during the year | **109** |
|---|---|

| File Description | Documents |
|---|---|
| Data Template | [View File](#) |

| 3.2 <br><br> Number of sanctioned posts during the year | **133** |
|---|---|

| File Description | Documents |
|---|---|
| Data Template | [View File](#) |

## 4.Institution

| 4.1 <br><br> Total number of Classrooms and Seminar halls | **22** |
|---|---|
| 4.2 <br><br> Total expenditure excluding salary during the year (INR in lakhs) | **252.59** |
| 4.3 <br><br> Total number of computers on campus for academic purposes | **329** |

# 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

To streamline the academic process, the institution prepares a time-table and activity-calendar from the university academic-calendar and strictly follows it. Timetable and academic calendar reflect the schedule of curriculum delivery and conduct of proposed activities. Each department conducts meetings to allot papers among teachers and to schedule activities. As per the allotment of paper, teachers prepare a teaching micro plan, and its delivery is recorded in the daily-diary of each faculty. Academic diary of faculty is reviewed by the HOD and Principal periodically.

In the assessment year 2022-2023, the curriculum delivery is done through classroom teaching, guest lectures, workshops etc. Even though teaching was offline but to make teaching learning more effective the importance is given to the use of ICT tools like PPTs, animations, audio, videos, e-books, etc. Online platforms are used by teaching faculty to provide teaching materials, questions bank, practical list etc. Internal evaluation of both even and odd sessions is done by online or offline unit tests, college midterm examination prior to the University examinations, assignments, seminars, projects, etc.

Feedback is collected from all stakeholders which help to optimise the curriculum delivery process. Induction program creates awareness among newly admitted students to get familiarized with academic facilities.

| 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)

Each department prepares and submits their academic calendars for the next session to the IQAC that include academic and extension activities to be carried out for the next academic session. Every year, IQAC prepares the college academic calendar on the basis of departmental academic calendars and university calendar. College academic calendar includes the schedules of internal assessment

examinations, academic and extension activities, schedule of the university examinations and vacations. Each department adheres to the academic calendar for the conduct of CIE. Continuous internal evaluation is done on the basis of online or offline unit tests, college midterm examination, assignments, seminars, projects, etc. and internal marks are displayed on the notice board of each department. For implementation of the Internal Assessment Process, Examination committee is formed at the college level which monitors the overall internal assessment process. Students are informed about deadlines of assignment, presentation, test schedule and its evaluation criteria. The smooth conduct of the programs scheduled by each department is ensured by the IQAC through ATR of the departmental academic calendar. Continuous Internal Assessment review is taken by the Principal regularly. Institutional academic calendar is made available to all stakeholders at the institution website as well as, it is included in the prospectus.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | View File |
| Link for Additional information | Nil |

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

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

## 1.2 - Academic Flexibility

**1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course**

**system has been implemented**

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

**23**

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Minutes of relevant Academic Council/ BOS meetings | **No File Uploaded** |
| 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)

**29**

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Brochure or any other document relating to Add on /Certificate programs | **No File Uploaded** |
| 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

**3743**

| 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

**Educational Institution, being a very important part of society; has**

a major role to play in handling cross cutting issues. Although the institute is of science faculty, this constraint has not hampered the dissemination of gender sensitivity/equality, environment and sustainability, human values and professional ethics. As colleges are developing the youth of the country, our curriculum of some regular courses and activities tries to address cross cutting issues while some value-added courses aim to inculcate social, human values, thereby leading to the holistic development of students. Besides the courses directly dealing with such issues, while designing activities like projects, research titles students are encouraged to choose topics relevant to cross cutting issues. In 2022-23, the university implemented CBCS scheme that contains GOEC like courses that gives the students to choose subjects relevant to human values and soft skill. Internship is mandatory in CBCS scheme which helps the students to learn professional ethics. During this academic year all the activities are conducted online and offline mode. Institute has initiated on-campus activities to ensure environment-friendliness and organizes special programmes on occasions such as Environment Day, World Earth Day, Ozone Day, Wild life week, Environmental Health Day and Women's Day to sensitize students and the local community about degradation of environment.

| File Description | Documents |
|---|---|
| Any additional information | No File Uploaded |
| 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**

74

| File Description | Documents |
|---|---|
| Any additional information | **No File Uploaded** |
| Programme / Curriculum/ Syllabus of the courses | <u>View File</u> |
| Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses | **No File Uploaded** |
| MoU's with relevant organizations for these courses, if any | <u>View File</u> |
| Institutional Data in Prescribed Format | <u>View File</u> |

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

**720**

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

## 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**

**B. Any 3 of the above**

| File Description | Documents |
|---|---|
| URL for stakeholder feedback report | <u>https://www.shivajiscamt.org/pdf/Feedback222 3.pdf</u> |
| Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management | <u>View File</u> |
| Any additional information | <u>View File</u> |

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

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| URL for feedback report | [https://www.shivajiscamt.org/pdf/Feedback2223.pdf](https://www.shivajiscamt.org/pdf/Feedback2223.pdf) |

## 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

**794**

| 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

**405**

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

### 2.2 - Catering to Student Diversity

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

**In the process of identifying both slow and advanced learners, key criteria include assessing students' performance in preceding**

examinations and their results in online/offline class tests. Departments actively engage in various informal, student-centric activities at different levels—local, university, state, and national. These activities encompass seminars, quizzes, project competitions, case-study activities, surveys, field visits, photo competitions, geological survey training, science exhibitions, debates, individual and group presentations/discussions, intra-college poster competitions, among others. Students are also encouraged to participate in similar competitions hosted by external institutions, fostering a broader academic exposure.Moreover, students are motivated to publish research articles/papers in journals, and support is provided to prepare for national-level competitive examinations like IIT-JAM, JNU, GATE, NCL, and NET/SET. Advanced learners are further encouraged to enroll in NPTEL online courses to expand their knowledge base.They were also actively involved in online academic and research activities.

To support slow learners, departments organize remedial courses and bridge courses for both theoretical and practical subjects. Teachers contribute to the learning process by providing lecture notes and question banks in printed or digital formats, facilitating easier access for students. Additionally, mentoring and counseling services are offered to address individual learning needs and challenges.

| File Description | Documents |
|---|---|
| Paste link for additional information | https://shivajiscamt.org/aqar2223/221details.pdf |
| 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 |
|---|---|
| 2172 | 109 |

| 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 adopted the Choice-Based Credit System (CBCS) from this academic session, in which the emphasis is placed on student-centric methods to enhance learning experiences. This involves integrating on-the-job training, internships, and fieldwork as integral components of the curriculum. These approaches are designed to actively involve students in their learning process, providing a more engaging and effective educational experience within the CBCS framework.

In addition tomeet the educational requirements of students and enhance experiential learning, teachers organize participative learning and problem-solving sessions. Experiential learning involves virtual experiments aligned with theoretical concepts. Teachers also encourage participatory learning through group activities, such as creating video presentations on physics experiments. Problem-solving is an integral part of the curricula for Physics, Chemistry, Mathematics, and Statistics. In the third and fourth semesters, PG students must undertake compulsory projects, selecting problems for their research.

For second-year and third-year B.Sc. students, project assignments contribute to internal assessment. Nationwide and state-wide lockdowns restricted field visits, study tours, and group activities like discussions. Despite these challenges, our departments organized various online activities, including seminar competitions and contests demonstrating experiments through nationwide virtual laboratories, as well as quizzes, to engage students effectively.

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Link for additional information | https://shivajiscamt.org/aqar2223/231details.pdf |

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

The college boasts 13 ICT-enabled classrooms and 6 smart classrooms, with an activated SWAYAM's NPTEL local chapter. Both students and teachers at our institute benefit from various online MOOCs courses. In all more than 750 students and faculty members have enrolled to different SWAYAM NPTEL courses in the academic year 2022-23.In addition the students of the college have the opportunity to engage in virtual experiments through the "Virtual Lab Nodal Centre" of the

institute.

Our institution regularly updates students about ICT initiatives by the Ministry of Human Resource Development (MHRD), Government of India, including SWAYAM Prabha, National Digital Library, E-PG Pathshala, Shodhganga, and Shod Sindhu. Access to INFLIBNET in the library further facilitates students and teachers in satisfying their intellectual curiosity.

Moreover, our teachers have developed e-content for the assigned curriculum, available on department pages of the college website. From the academic year 2022-23the college successfully implemented online curriculum delivery, examinations, and assessments through its own learning management system (LMS). Beyond standard curriculum delivery, our college departments have introduced 29 online certificate courses in various subjects, benefiting approximately 2500 students.

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Provide link for webpage describing the ICT enabled tools for effective teaching-learning process | [View File](#) |

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

## 2.3.3.1 - Number of mentors

109

| 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 | No File Uploaded |

## 2.4 - Teacher Profile and Quality

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

| 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**

**60**

| 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**

**1094**

| 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 management of continuous internal evaluation at the departmental

level involves the respective teacher, while the mid-term assessment of students is overseen by the established Internal Assessment Committee. The assessment comprises class tests, project assignments, seminars, study tours, industrial visits, visits to educational institutions and research organizations, fieldwork, group discussions, or any other innovative practice/activity determined by the department. First-year students are thoroughly briefed on this internal assessment procedure during the induction program at the start of each academic session. The induction program serves as a platform to explain the entire mechanism of internal assessment to students.

Additionally, the college ensures timely communication of assignment schedules, class tests, quizzes, project allocations, and submission deadlines through the academic calendar included in the college prospectus and uploaded on the college website. To maintain transparency in the assessment process, internal assessment marks are publicly displayed on departmental notice boards three weeks prior to the commencement of university examinations.

| File Description | Documents |
|---|---|
| Any additional information | [View File](#) |
| Link for additional information | [https://shivajiscamt.org/aqar2223/251details.pdf](https://shivajiscamt.org/aqar2223/251details.pdf) |

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

If students have any concerns regarding their internal assessment marks, they may address the issue by submitting a written application outlining their grievance to the respective heads of departments. The department heads carefully examine the grievance, verifying all relevant documents, and work towards resolving the matter. If the student remains dissatisfied with the department head's decision, they have the option to escalate the grievance to the Principal. The Principal, following a thorough review of the student's internal assessment records submitted to the department, addresses and resolves the grievance.

To ensure transparency, the university mandates the display of internal assessment marks three weeks before the commencement of university examinations, allowing students ample time to address any grievances. This process ensures the timely resolution of all concerns related to internal assessment marks.

For grievances related to external examinations conducted by the university, a separate grievance redressal mechanism is in place, as per the directives outlined by S.G.B. Amravati University, Amravati, as detailed in the attached supporting document.

| File Description | Documents |
|---|---|
| Any additional information | [View File](#) |
| Link for additional information | https://shivajiscamt.org/aqar2223/252details.pdf |

## 2.6 - Student Performance and Learning Outcomes

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

The college explicitly outlines well-defined Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) for each program, along with predefined Course Outcomes (COs) for all courses across the programs offered. The articulated POs align with the college's Vision and Mission. These predetermined POs aim to equip graduating students with essential knowledge and skills, encompassing Scientific Knowledge and Experimental Skills, Communication skills, Critical Thinking & Problem-Solving Ability, Team Spirit, Leadership Qualities, Project Management, Digital Proficiency, Environmental and Societal Consciousness, Ethics, and Human values.

Departments define and communicate PSOs and COs, which are then made available to students through departmental notice boards and the college website. Additionally, during the commencement of the academic session, the Principal addresses first-year students, conveying information about POs, PSOs, and COs. Guardian teachers (mentors) further ensure awareness among their mentees through regular meetings and interactions.

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for Additional information | https://shivajiscamt.org/aqar2223/261details.pdf |
| Upload COs for all Programmes (exemplars from Glossary) | View File |

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

**The assessment of Course Outcomes (COs) is directly based on the students' performance in semester-end examinations conducted by the university. Following the release of examination results, each department in the college generates reports analyzing program-specific and course-specific results, determining the overall achievement levels of all COs for each course.**

**The evaluation of Program Specific Outcomes (PSOs) considers the departmental-level achievements of the respective COs and overall student performance in various assessments such as seminars, quizzes, home assignments, project assignments, mid-term examinations, and feedback on teaching, learning, and evaluation. PSOs are assessed in conjunction with COs.**

**Program Outcomes (POs) are evaluated by considering the achievements of COs and PSOs across all subjects. Additional parameters for assessing POs include the percentage of students eligible for degrees, the percentage of merits in the university merit list, and feedback from students. The analysis of semester-end university examination results is deliberated in meetings of the Council of Heads, Staff Council, and the College Development Committee.**

**Suggestions gathered from these meetings guide the Internal Quality Assurance Cell (IQAC) in initiating necessary actions for continuous improvement in the evaluation process.**

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for Additional information | https://shivajiscamt.org/aqar2223/262details.pdf |

## 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

**541**

| 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)

https://shivajiscamt.org/aqar2223/271details.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)

**3.094**

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

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

**3.1.2.1 - Number of teachers recognized as research guides**

**29**

| File Description | Documents |
|---|---|
| Any additional information | <u>View File</u> |
| Institutional data in prescribed format | <u>View File</u> |

**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**

**04**

| File Description | Documents |
|---|---|
| List of research projects and funding details (Data Template) | <u>View File</u> |
| Any additional information | **No File Uploaded** |
| Supporting document from Funding Agency | **No File Uploaded** |
| Paste link to funding agency website | <u>https://shivajiscamt.org/pages/research.php</u> |

**3.2 - Innovation Ecosystem**

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

Shri Shivaji Science College, Amravati, has emerged as a pivotal center for fostering innovation and the seamless transfer of knowledge, underpinned by a series of strategic initiatives. These endeavors have meticulously cultivated an environment conducive to research and creativity, demonstrating the college's commitment to academic excellence and societal advancement. This detailed report highlights the college's key initiatives, their impact, and the noteworthy achievements of its students is attached. Following activities were conducted in the academic session:

1. Avishkar Research Festival: A Beacon of Innovation
2. Central Instrumentation Cell (CIC): Advancing Research Capabilities
3. Empowering Research through Project Funding

4.  **Workshops and Seminars: Enriching Academic Discourse**
5.  **Three-day Workshop: Systematic Literature Review and Meta-Analysis**
6.  **In Person Workshop on "Effective Scientific Writing and Opportunities for Researchers"**
7.  **Exploring Collaborative Interdisciplinary Research Proposal Ideas: A Group Brainstorming Session**
8.  **Y – 20 Consultation Meet: Engaging Youth in Global Dialogue**

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Paste link for additional information | https://shivajiscamt.org/pages/research.php |

### 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

**11**

| File Description | Documents |
|---|---|
| Report of the event | [View File](#) |
| Any additional information | **No File Uploaded** |
| 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

**60**

| File Description | Documents |
|---|---|
| URL to the research page on HEI website | https://shivajiscamt.org/pages/research.php |
| 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**

**32**

| File Description | Documents |
|---|---|
| Any additional information | **No File Uploaded** |
| 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**

**51**

| 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

**Educational institutions, through initiatives led by the National Service Scheme (NSS), National Cadet Corps (NCC), Red Cross, and other academic and community partnerships, have significantly**

transcended traditional learning paradigms. They have embarked on a mission of holistic development, touching lives both within and outside their campuses. Activities ranging from Swachh Bharat missions and AIDS awareness to promoting eco-consciousness with projects like garden developments and clay idol usage illustrate a broadened educational approach, weaving together academic excellence with societal well-being.

Students, the primary beneficiaries, gain immensely from these endeavors, witnessing unparalleled personal and professional growth. Stepping beyond textbooks into the heart of communities, they cultivate empathy, leadership, and teamwork skills, becoming poised for both career success and societal contribution. Exposure to real-world challenges sharpens their problem-solving abilities, enriching their academic journey with practical insights and fostering a robust sense of social responsibility.

The ripple effects extend to community members who receive vital resources and knowledge, empowering them and enhancing their life quality. These initiatives foster a collaborative spirit, strengthening communal bonds and promoting social equity by ensuring inclusive access to health, education, and environmental sustainability. Ultimately, this comprehensive model of education not only molds well-rounded individuals but also knits tighter, more equitable communities, underscoring the transformative power of academic institutions in society's progressive fabric.

| File Description | Documents |
|---|---|
| Paste link for additional information | https://shivajiscamt.org/pages/extension.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**

4

| File Description | Documents |
|---|---|
| Any additional information | **No File Uploaded** |
| 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**

**58**

| File Description | Documents |
|---|---|
| Reports of the event organized | [View File](#) |
| Any additional information | **No File Uploaded** |
| 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**

**6446**

| File Description | Documents |
|---|---|
| Report of the event | [View File](#) |
| Any additional information | **No File Uploaded** |
| 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**

**30**

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

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

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

**12**

| 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 developed adequate physical infrastructure on an area of 11.85 acres (49754.08 sq.mt. or 534856.35 sq.ft.) to run the various academic programmes efficiently. With a total built-up area of 8728.97 sq. mt. (93836.42 sq. ft.), the college is equipped with state-of-the-art infrastructure modern amenities, and the latest equipment to facilitate effective teaching and learning.**

**Classrooms:** 19 spacious and well-ventilated ICT-enabled classrooms, **Laboratories:** 38 laboratories for UG, PG, and research with sophisticated equipments, an Advanced Nanoscience Lab in the Department of Chemistry a Central Instrumentation Cell (CIC), technology-enabled learning spaces, 03 ICT-enabled Seminar halls, etc, **Computer Facilities:** 03 computer labs for UG & PG computer science students, a language laboratory in the existing computer science laboratory, a Network Resource Centre (NRC): (Total 237.26 Sq. Ft.) and possesses 313 computers in all, 16 Laptops, 79 printers, 29 Licensed Softwares, 09 Interactive Boards / Smart Boards, 06 LED TVs, 40 LCDs, 16 Scanners, 05 Xerox machines, 05 servers for the smooth functioning of the office administration, academic purposes, and LIBMAN library software in the library. The Computer centre is enabled with internet connectivity for non-computer students: (Total 285 .52 Sq. Ft.) The infrastructure is used optimally from 7.00 a.m. to 6.30 p.m.

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Paste link for additional information | https://www.shivajiscamt.org/pages/infra_phy.php |

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

**The college has developed adequate sports, games, and cultural activities during the years 2022-23 and has spent 2.69 lakhs on them.**

**Sports:**

**The sports, and games infrastructure is used optimally from 7.00 am to 6.30 p.m. and is also provided to the University, Government offices, N.G.Os, and Associations for conducting various sports events.**

**The Sports grounds and facilities are provided for Indoor Games like- Table Tennis, Badminton, Chess, Yoga, and Judo and Outdoor Games like- Basketball with flood, lights, Softball, Baseball, Cricket, Lawn tennis, Ball badminton, Kabaddi, Kho-Kho, Handball, Volleyball, Archery, Sepak Takrraw, Gymnasium, Boxing, Swimming tank (made available from the parent society.)**

The college also has a gymnasium equipped with the latest facilities for the students.

**Cultural activities:**

For organizing various cultural events, the college is equipped with the Main Auditorium, Sir C. V. Raman Hall (Air Conditioned), a well-equipped smart auditorium, one A.V. Theatre, an Open Stage Arena (for multipurpose use), NSS office in the Department of Botany, NCC office has an area 215.47 Sq. Ft.

**Recreational facilities:**

The Recreation Hall is attached to the Girls' Hostel. Judo, Yoga centre, swimming pool, and such facilities are provided by our parent society. Girls' Common Room with an attached washroom is also established.

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Paste link for additional information | https://www.shivajiscamt.org/pages/physical_education.php |

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

22

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Paste link for additional information | https://www.shivajiscamt.org/pages/infra_geotag.php |
| 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)**

`181.93`

| File Description | Documents |
|---|---|
| Upload any additional information | **No File Uploaded** |
| 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 college has a well-equipped library that caters to the needs of undergraduate and postgraduate students, research scholars, and teachers. The library functions on an open-access system.

The Library is fully automated since 2002 with the SOUL 2.0 software and updated with LIBMAN ILMS software in 2019. Training for handling the same was organized during 09 -12 April 2019.

The library has started printed accession registers from the session 2022-2023. A maximum of 03 books are issued at a time to the UG students. Research scholars and PG students can be issued a maximum of 04 books at a time. This access to books is for 15 days and the students can renew it only once if required. The books are classified according to the Dewey Decimal Classification Scheme (DDC 22nd edition).

To ensure the smooth working of Library functions, a library committee is formed under the chairmanship of the Principal, the Librarian as a member secretary, and heads or coordinators of the PG departments as members.

A refined and transparent book selection policy adds to the collection of the library. Books on other subjects like biographies, autobiographies, novels, etc. are also purchased.

Books recommended by the staff and students are purchased on

priority basis.

**The college has its website www.shivajiscamt.org**

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Paste link for Additional Information | https://www.shivajiscamt.org/pages/library.php |

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

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

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

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

**2.68**

| File Description | Documents |
|---|---|
| Any additional information | **No File Uploaded** |
| 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**

**220**

| File Description | Documents |
|---|---|
| Any additional information | **No File Uploaded** |
| 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 has upgraded the internet connection bandwidth from 40 Mbps to unlimited 150 Mbps bundled connectivity under the VPN broadband facility through MHRD's MHEICT mission. Reliance Jio Digital Life Jio ultra-high-speed Optical fiber Wi-Fi services are also made available on the college campus. All the computers are connected with Wi-Fi/LAN. All the departments are equipped with computers, printers, scanners, LAN, and Wi-Fi connectivity**

**IT Infrastructure:**

**The college has three computer labs for UG & PG computer science students and a Network Resource Centre (NRC) lab.**

**Since the AQAR 2022-23 of NAAC the college has updated the IT infrastructure: 313 computers, 16 Laptops, 82 Printers, 16 scanners, and LCD Projectors from 25 to 40. Interactive Boards / Smart Boards from 08 to 09, LCD TVs from 03 to 06, 05 Xerox machines, 05 servers, and 29 Licensed Software have been set up for the smooth functioning of the office administration, academic purpose, and library services.**

**As a part of the Regular up-gradation of Office Administration Software, the previous E-Governance, MIS, ERP, and EMS system software have been replaced with the advanced Cloud Based ERP CCMS – Centralized Campus**

**Management System containing modules viz, One Time Data Conversion, Online Admission Payment Gateway & Time**

**Cloud Setup.**

| File Description | Documents |
|---|---|
| Upload any additional information | <div align="center">View File</div> |
| Paste link for additional information | <div align="center">https://www.shivajiscamt.org/pages/infra_it.php</div> |

## 4.3.2 - Number of Computers

**329**

| File Description | Documents |
|---|---|
| Upload any additional information | <div align="center">No File Uploaded</div> |
| List of Computers | <div align="center">View File</div> |

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

| File Description | Documents |
|---|---|
| Upload any additional Information | <div align="center">No File Uploaded</div> |
| Details of available bandwidth of internet connection in the Institution | <div align="center">View File</div> |

## 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)

**104.26**

| 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.

The college has established systems and procedures for maintaining and utilizing Physical, Academic, and support facilities. College has regular maintenance and periodic replenishment of essential facilities.

The Repair and maintenance of physical, academic, and support facilities:

The repairs and maintenance of Classrooms, library, Laboratories, computers and other physical, academic, and support facilities is a continuous process. Further, the college has well-defined guidelines and procedures for repairing and maintenance activities to ensure time-bound maintenance work. The college has established systems and procedures for maintaining and utilizing physical facilities as below:

1. All the physical, academic, and support facilities are augmented and maintained through various college committees such as the College

Development Committee (CDC), Library Committee, Building Committee, Purchase Committee, UGC Planning Committee, Campus Discipline, Cleanliness Committee, etc.

1. At the beginning of every academic year, these committees take care of the proper availability of blackboards, lighting, ICT-based facility, and furniture in classrooms.
2. Library Advisory Committee is functional and takes care of the library matters and functions.
3. Physical education department has the responsibility for the creation and maintenance of sports facilities on the campus for the students and the faculty.

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Paste link for additional information | https://www.shivajiscamt.org/pages/infra_maint.php |

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

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

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

**1143**

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

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

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

**09**

| 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**

**A. All of the above**

| File Description | Documents |
|---|---|
| Link to Institutional website | https://www.shivajiscamt.org/aqar2223/513details.pdf |
| 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**

**224**

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

**224**

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

**5.1.5 - The Institution has a transparent**

**A. All of the above**

**mechanism for timely redressal of student 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

**70**

| 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

**438**

| 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**

**11**

| 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.**

**66**

| File Description | Documents |
|---|---|
| e-copies of award letters and certificates | View File |
| Any additional information | View File |
| Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template) | View File |

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

**Responses: Yes**

**Student's Representation:**

**Students' Council:**

**The college has a Student Council whose secretary also serves as the college representative to the University Student Council. The Student Council of the college is constituted as per the section 40(2) (b) of the Maharashtra University Act, 1994. The secretary of the Students' Council is elected from among the Class Representatives who are nominated, one from each class on the basis of the academic merit, two girls representatives and one student representative each from the NCC, NSS, Games and Sports, Cultural activities. The major activities of the Students' Council include- maintaining the general discipline and to create a conductive atmosphere for curricular, co-curricular and extra-curricular activities in the college. It also endeavours to resolve students-related problems from time to time. It organizes different functions in the college including Annual Social Gathering (Shivotsav), Felicitation Programme for meritorious students, celebration of various days like-Youth Day, Teachers' Day, Science Day, Environment Awareness Programmes, etc. Students also participate in "National Student parliament'.**

**Student Representation in following committees, associations, publications and events:**

**College Committees**

**Youth Festival & Shivotsav**

**Subject Associations/Clubs**

**Avishkar, Workshop and Conferences**

**NSS and NCC**

**College Magazine**

| File Description | Documents |
|---|---|
| Paste link for additional information | https://www.shivajiscamt.org/aqar2223/532details.pdf |
| Upload any additional information | View File |

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

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

**76**

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

### 5.4 - Alumni Engagement

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

**Response: Yes**

**The institution has a registered Alumni Association- "Alumni Association of Shri Shivaji Science College, Amravati" with the**

Registration No.: Maharashtra / 700/ 06 Amravati. It has been functioning for many years as a supportive and mentor unit of the college. The college has illustrious alumni who are spread over different parts of our country and abroad. The Association has been playing a key role in keeping them all connected to their august alma mater. It has been consistently taking efforts to implement various activities aiming to add to the overall development and reputation of the college. Meetings of the Executive body are regularly conducted. Current office bearers of the Alumni Association comprise of fifteen members. Shri. Dr. Pravin Raghuvanshi, Professor & Head, Department of Chemistry, Brijlal Biyani College, Amravati acts as the president of the association.

**Financial Contributions:**

As per the decision of the Alumni Association, financial assistance is provided Rs.2,30,000/- to economically backward students.

**Non-financial Contributions-**

**Alumni Lecture Series:**

Organization of Alumni Lecture Series has been a regular activity of the Alumni Association.

**Career Guidance and Placement Services-**

Our Alumni who hold administrative positions conduct career guidance programmes and offer placement services to the students to help achieve their career goals.

| File Description | Documents |
|---|---|
| Paste link for additional information | https://www.shivajiscamt.org/aqar2223/541details.pdf |
| Upload any additional information | View File |

**5.4.2 - Alumni contribution during the year (INR in Lakhs)**    D. 1 Lakhs - 3Lakhs

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

## 6.1 - Institutional Vision and Leadership

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

The parent management, college development committee, Principal and IQAC are the apex body of the college that plan policies for sustenance and enhancement of overall quality education and development of the college. The management attempts to develop the college as a premier higher education institute offering quality education in the UG, PG, Research and Skilled development programs.

The leadership, comprising of the management, the Principal, IQAC and the HODs of various academic and co-curricular activity departments invest collective efforts bringing in a conducive academic atmosphere in the college. The governance of the college is in tune with Vision and Mission of the college. The college ensures equal opportunity to all the deserving and meritorious students and also tries to bridge the gap between the rural-urban divide through organizing various academic, co-curricular, extracurricular and extension activities for the students.

The perspective plan, which is prepared in consultation with the CDC, IQAC, College council and Council of Heads helps to develop to achieve and welfare measure in tune with vision and Mission. The decisions regarding the academic activities and the process for implementing is taken by the IQAC and college council, which are subject to approval of the CDC. The departmental academic, co-curricular, extracurricular and research activities are planned and implemented by the teachers of the respective departments. The extension activities in collaboration with various organisations and dealing with varied issues like gender equity, environment protection, etc. have sensitized the youth and made them responsible citizens.

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

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

The institution practices decentralization and participatory management in keeping with its belief in collective leadership and democratic traditions. According to Maharashtra University Act 2016 the governance of the college is done through various committees such as CDC, IQAC, and Committees are categorized as statutory (10) and non-statutory committees (63).

Non-statutory committees are further categorized as –

1. Academic Program Development & Quality Enhancement Committees

2. Students Learning & Outcome Enhancement Committees

3. Research, Innovation and Outreach Enhancement Committees

4. Infrastructure Development & Maintenance Committees

5. Student Support and Facilities Enhancement Committees

6. Governance, Planning, Quality Assurance & Human Resource Training & Development Committees

7. Institutional Values Promotion Committees

The teachers, non-teaching staff and students are members of the various committees. The parent management encourages the faculty to organized various events and activities to develop leadership and administrative environment. In addition, various temporary committees are formed as per the need. The teachers are appointed as the members of these committees by taking into account their interests and abilities.

The council of heads of departments take decisions about teaching-

learning plans, budget allocation, academic development issues, results, infrastructural growth of department, implementation of the research, consultancy, student-oriented events extension activities and sanction of CL of the staff. The budget allocation is done by the principal as per the need of the departments. The IQAC, monitored through the Academic Audit of the departments.

| 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

**The principal assigns work to the conveners of different committee so that the result may be accomplished through team work spirit. The perspective plans focus upon matters like infrastructural development, introduction of new programmes, courses, enhancement of quality in teaching-learning process, promotion of research and healthy practices. With reference to the decision of the CDC, IQAC and the Council of Heads, every department designed the curricula and starts Certificate Courses of minimum 30 hours. From these courses college has submitted proposal to the university for affiliation and 5 courses sanctioned by university to start from next session.**

**During current year college has started M.Sc. in Microbiology, post graduate diploma in Content writing and Cyber Security. Items like having ISO certification, getting listed twice in NIRF, conducting more add-on / skill-based courses, widening the base of extension activities, excelling in university exams as well as in research, sports and theatre activities, making provisions for rainwater harvesting, campus waste management, rails, ramps and toilets for the differently abled, etc. were the other important items of the perspective plan. Most of the projects listed in the perspective plan have been successfully implemented in last four years and the work on the rest is in progress. Deployment documents of various completed activities are uploaded on the college website and its quality is reviewed by the Council of Heads, IQAC and the CDC.**

| 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.

**Shri Shivaji Science College, Amravati is a grant-in-aid college affiliated to Sant Gadge Baba, Amravati University, Amravati, Maharashtra. The Institute is governed by Shri Shivaji Education Society, Amravati.**

**College Development Committee: According to the Maharashtra Public Universities Act 2016, the CDC is formed. It prepared an overall comprehensive development plan of the college regarding academic, administrative and infrastructural growth. It takes decision regarding to introduce new academic courses and the creation of additional teaching and administrative posts, policy to encourage and strengthen research culture, consultancy, collaboration and extension activities in the college.**

**The principal is the administrative and executive head of the institution responsible for implementing policies and decisions of the CDC. He is authorized to take decisions regarding academic, administrative and financial matters in accordance with the policy matters as per the rule and regulation of State Government and UGC. The Office Superintendent is head and custodian of the college office which includes three sections- Establishment, Accounts and UGC.**

**IQAC plans for development of quality parameters for the various academic and administrative activities. It coordinates between the management, the principal, the staff and the students.**

| File Description | Documents |
|---|---|
| Paste link for additional information | **Nil** |
| Link to Organogram of the institution webpage | https://www.shivajiscamt.org/uploads/622_additional.pdf |
| 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

**As per the state government, university statues norms our parent society and the college has initiated several welfare measures for well- being of teaching and non-teaching staff.**


**Health Insurance Scheme offered in collaboration with the HDFC – Ergo Life Insurance company. In 2020-21,85 members have been insured through this scheme.**


**Grain advance is given to the 39 non-teaching staff in the academic year 2022-23**


**LTC scheme is offered to the college staff on demand as per laid down by the government.**

The college has fund raising drive to help the affected employee by an unforeseen calamity.

Some other schemes implemented by the college- Maternity leave; Retirement pension Scheme (for faculties prior to 2005); New Pension Scheme (after 2005); GPF, gratuity and leave encashment, Vacation leave, Casual leave, Earned Leave and Medical leave and child care leave. Financial support to the staff attending Seminars, Conferences and Workshops. Research grant also provided to the staff after making presentation of proposed research work. Additional grant is also provided to teachers who are going to present paper in international conference abroad. Medical facility is provided to teaching and non-teaching staff in Dr. Panjabrao Deshmukh Memorial Medical College, Amravati, which is run by the institution.

| 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**

46

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template) | View File |

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

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

02

| 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**

**23**

| File Description | Documents |
|---|---|
| IQAC report summary | **No File Uploaded** |
| 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

**All teaching staff maintained their records of performance-based appraisal report yearly and it is collected at the end of academic year in the format provided by the SGB Amravati University as per the Direction No.:35/2019, Dated 7/9/2019 for the Self-Assessment Page 52/123 17-05-2023 01:44:18 Annual Quality Assurance Report of SHRI SHIVAJI SCIENCE COLLEGE Proformas cum Score Sheets for the API**

based Performance Based Appraisal System (PBAS) for Appointments and Promotions at different levels under CAS of Teachers. Accordingly, Annual PBAS formats of all the teachers are collected at IQAC level which are evaluated by the principal.

Parent management also design scheme of evaluation of the performance of teachers and the nonteaching staff through the self-performance appraisal form. The Self appraisals are considered for the confirmation and promotion of employees by the management through the CDC. Performance of the nonteaching staff is evaluated by the respective heads of the departments and the principal, through the proforma provided by the parent management. The filled-in appraisal reports are submitted to the management. The non-teaching staff are also evaluated based on their contribution towards the responsibility given to them by considering their work achievements, qualification enhancement and adaptability towards the technological advances. The Management takes a review of the performance appraisal reports and an appropriate decision is taken by the management whenever required.

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

## 6.4 - Financial Management and Resource Mobilization

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

An audit is an objective examination and evaluation of the financial statements of an organization to make sure that the records are a fair and accurate representation of the transactions they claim to represent. College has regular Internal financial auditing. For a smooth function of the accounting, college maintains various accounting entities. Previous year accounts are scrutinized prior to the preparation of the financial budget for the next financial year.

The institute has a statutory mechanism for audit. The accounts department takes corrective action based on the report if required. At the end of financial year Statutory Audit is conducted. Account Books to formulate whether the Institute keeps it properly, Balance-Sheet to get a true and Fairview of the state of affairs of the college Income and expenditure accounts to verify the excess of

**income over expenditure or vice versa all are examined.**

**Objections regarding the audit by the auditor are discussed, takes the expected corrective measures and are clarified by the accounts department. A report is submitted to the government audit department and ATR is also sent to the auditor for further clarification and for the final approval.**

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

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

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

**258000**

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

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

**The College is affiliated to San Gadge Baba Amravati University, Amravati. Grants received from various funding agencies, examination grant from the affiliated university. Other sources of mobilization of funds are students' fees and self-financed courses fees.**

**To receive funds from various funding agencies like UGC, DST, DBT, CSIR etc., resource mobilization policy and procedures are maintained by college such as preparing proposal by IQAC, sending the proposals, preparing annual budget as per the funds available, preparing departmental fund allocation as per the requirement by departments, calling of tenders, opening of received tenders before the purchase committee and placing orders to a vendor quoting the**

minimum cost.

For the optimum utilization of the resources, the college invites requirements from all departments to prepare budgetary plan. The Purchase Committee works on budgetary plan and sanctions the budget for financial resources and requirements of departments and submits it to the Principal and the CDC for final approval. The utilization of the sanctioned budget is monitored by the Council of Heads, IQAC, CDC and Audit Department.

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

## 6.5 - Internal Quality Assurance System

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

Institutionalization of number of quality assurance strategies was planned and executed by the college IQAC. Contribution as preparing and implementing the college academic calendar, perspective-plan, admission process, teaching-learning process enhancement, measuring learning outcomes, research activities promotion, sports and cultural enhancement.

Practices for institutionalizing the quality assurance strategies and processes:

1. Strengthening of IT assisted administration and teaching learning process:

The college has upgraded the internet connection bandwidth to unlimited 40 Mbps bundled connectivity under the VPN broadband facility through MHRD's MHEICT mission. Reliance Jio Digital Life Jio ultra-high-speed Optical fiber Wi-Fi services are also made available on the college campus. The college is equipped with ICT-enabled classrooms Classrooms:19, Laboratories:38 laboratories for UG, PG,03 ICT-enabled Seminar halls, Computer Facilities:03 computer labs for UG & PG computer science students, a language laboratory, a Network Resource Centre possesses 313 computers in all, 16 Laptops, 79 printers, 41 Licensed Software's, 09 Interactive Boards / Smart Boards, 04 LED TVs, 25 LCDs, 16 Scanners, 06 Xerox machines, 07 servers for the smooth functioning of the office administration,

academic purpose.

   1. **One day workshop on CBCS -NEP Executors Training Program:**

**3. Innovation Activities Promotion & Organization Committee (IAPOC): Project Funding for research projects for students**

**This project funding is awarded to full time students admitted to UG, PG and Research Scholars of Shri Shivaji Science College, Amravati. The main aim of this scheme is to promote research culture and critical thinking as essential at the age of openness and globalization for knowledge-based society.**

**During this 2022-23 session, funds up to Rs.10,000 were provided by the college.**

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

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

**The IQAC of the college has devised several mechanisms to review the effectiveness of the teaching learning process, structures and methodologies of operations in the institution and strived hard for its reforms.**

**1.Structured feedback and Review of learning outcomes:**

**Feedback is a vital part of the teaching-learning process. The analysis of the effectiveness of teaching learning is made through the stakeholder's feedback mechanism. It helps the mentor to recognize that how the students know his or her subject being taught. The collection and analysis of feedback from different stakeholder assist the institution to understand the need of society. Keeping this view in the centre, IQAC has developed well-structured feedback systems. IQAC prepares various feedback forms and collects structured feedback on design and review of syllabus, completion of syllabus, infrastructure and facilities. Submitted feedback analysed and accordingly measures are taken.**

**2. Internal Academic Audit: of the Departments conduct by IQAC which includes the verification, assessment and review of the various teaching-learning, extension, research, and extracurricular activities carried out by the departments. The departmental fact-sheets include number of teachers and students, programs offered, analysis of the university results, teaching facilities available, newly added equipment's and computers, academic activities, research papers published in the journals and presented in the conferences, FDP attended, the teachers' and students' achievements, extension activities, placements, career guidance programs. If any suggestions communicated to the particular department for the improvement and corrective measures.**

| File Description | Documents |
|---|---|
| Paste link for additional information | **Nil** |
| Upload any additional information | <u>View File</u> |

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

**A. All of the above**

| File Description | Documents |
|---|---|
| Paste web link of Annual reports of Institution | **Nil** |
| Upload e-copies of the accreditations and certifications | **No File Uploaded** |
| Upload any additional information | <u>View File</u> |
| Upload details of Quality assurance initiatives of the institution (Data Template) | <u>View File</u> |

## 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

The overall atmosphere of the college is safe and secure for females in all respects. The girls students and the women staff get respect, equal rights and opportunities in the academic and administrative spheres. In each programme, about 60- 75% admitted students in the college are girls which reflects the faith and trust of parents. There is an equal or more participation of girls in the cultural, sports, and outdoor Nature camps too.

The Women Empowerment Cell and the Anti-Sexual-Harassment Committee in the college organize various gender equity and sensitization programmes to ensure and encourage women empowerment in all areas.

A separate Girls Hostel with a caring and responsible Warden is administered by the Girls Hostel Committee comprising of lady teachers. The hostel is under CCTV surveillance and has 24-hour Security guards.

The college invites professional counsellors and other external health experts like gynaecologists to guide and motivate the girls students on issues like menstrual hygiene, depression, etc. and to boost their courage, confidence and morale.

Common Room for girls students with resting facilities is available in the college campus. One incinerator is installed in the common room for the proper disposal of the sanitary napkins.

| File Description | Documents |
| --- | --- |
| Annual gender sensitization action plan | https://www.shivajiscamt.org/aqar21/7.1.1_Gender_Sensitization_Action_Plan.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 | https://shivajiscamt.org/aqar2223/711details.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**

A. 4 or All of the above

| File Description | Documents |
|---|---|
| Geo tagged Photographs | [View File]() |
| Any other relevant information | [View File]() |

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

**The institution has formed its Clean and Green Campus Policy Document and adopted a Green Protocol.**

**Solid Waste Management**

**Plastic Free College Campus with a complete ban on single-use plastics.**

**Segregation of Dry Waste and Wet Waste.**

**Proper maintenance of infrastructure and timely repair of furniture to minimize solid waste.**

**Waste Material Write Off.**

**Paperless Office and E-Communication.**

**Use of One-side blank pages.**

**Learning Management System" reducing the wastage of paper.**

**Waste paper recycling through a local trader.**

**Incinerator for the disposal of sanitary pads in the Girls' Common Room.**

**A Biogas Plant with a capacity of 2000 Ltr getting the waste food from the canteen and the Girls' Hostel Mess.**

**Vermicompost Unit in the Medico-Botanical Garden**

**E-Waste Management**

**Use of refill inkjet cartridges and laser toners.**

27-04-2024 08:49:11

Use of Components and other small devices/parts of non-repairable equipments to fabricate new experimental kits / power supplies.

The unwanted computer machines, printers, etc. donated to the society's schools and colleges.

Two Rainwater Harvesting Units

Two Soak Pits for groundwater recharge for non-hazardous liquid west generated from laboratories.

Hazardous Chemical Waste Management Unit to collect the hazardous chemical waste to be carried away by the firm SMS ltd., Nandgaon-Peth for the treatment.

| File Description | Documents |
|---|---|
| Relevant documents like agreements / MoUs with Government and other approved agencies | View File |
| Geo tagged photographs of the facilities | View File |

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

A. Any 4 or all of the above

| File Description | Documents |
|---|---|
| Geo tagged photographs / videos of the facilities | View File |
| Any other relevant information | View File |

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

A. Any 4 or All of the above

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

### 5. Landscaping

| File Description | Documents |
|---|---|
| Geo tagged photos / videos of the facilities | [View File](#) |
| Various policy documents / decisions circulated for implementation | [View File](#) |
| Any other relevant documents | [View File](#) |

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

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

**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 | **No File Uploaded** |
| Any other relevant information | **No File Uploaded** |

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

**A. Any 4 or all of the above**

| File Description | Documents |
|---|---|
| Geo tagged photographs / videos of the facilities | <div align="center">View File</div> |
| Policy documents and information brochures on the support to be provided | <div align="center">View File</div> |
| Details of the Software procured for providing the assistance | <div align="center">View File</div> |
| Any other relevant information | <div align="center">View File</div> |

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 college takes sincere efforts/initiatives in providing an inclusive environment including tolerance and harmony.**

**This includes the celebration of 'The National Communal Harmony Day' (Sadbhavana Diwas) on 20th August. On this day, NSS unit of the college conducts Guest Talks on National Integrity and the college students also express their progressive views on National Integrity.**

**During the NSS camps the Street Play based on the Kirtanas of St. Tukaram and Sant Gadge Baba; Patriotic Cultural Dance Program; Guest Lectures, Street Plays on superstition eradication, etc. are organized for instilling the moral values.**

**Most of the literature prescribed for the language subjects of the B.Sc. I course aims at refining the human senses and instilling among them values regarding culture and harmony.**

**The students having Urdu as their mother tongue are encouraged by the department to share the themes of certain ghazals, poems and short stories into English or Marathi during the lecture and the Viva Voce/ presentations organized for the students.**

**In the college Annual Magazine 'Shivasmruti', the students are encouraged to express their views on various social, educational, economic, environmental, cultural issues. The write-ups in the magazine are published in four languages- Marathi, Hindi, English, and Sanskrit.**

| 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 | **No File Uploaded** |

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

**The Constitution Day is celebrated every year in the college on 26th November to mark the dedication of the Supreme Constitution of India to the nation. The students and the teachers deliver speeches on the importance of adhering to the constitution.**

**The college organised various awareness programmes, rallies, competitions, quizzes, Swachha Bharat Abhiyans, Tree Plantation programmes, etc.**

**Blood Donation Camps are organised by NSS and NCC in which a large number of students and staff donate their blood.**

**Through regular sports activities, human values like discipline, courage, mental and Physical health Persistence, Team Spirit, killer instinct etc. are instilled amongst the students.**

**Voters' Day is celebrated on 25 January every year in the college by organising Voters Awareness Programme generally in collaboration with the Collector Office. Eligible students are encouraged to register as votersand those registered are oriented to vote enthusiastically in all elections.**

**Students are also encouraged to go through the Preamble of our constitution insightfully. Reading of the preamble is also organised for the staff and the students in the campus.**

| File Description | Documents |
|---|---|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | https://shivajiscamt.org/aqar2223/719details.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**

A. All 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

Our two National Festivals- Independence Day and Republic Day- and also Maharashtra Day are celebrated following strictly the directives from the Government.

The Constitution Day is celebrated every year in the college on 26th November to mark the dedication of the Supreme Constitution of India to the nation.

On National Science Day, various events like Quiz Competitions, Demonstrations, Video/Poster Competitions, Seminars, Workshops, etc. to inculcate scientific temper among the students are organised.

The Army Day, International Women's Day, International Yoga Day, National Sports Day, National Youth Day, International Day for the Preservation of the Ozone Layer, World Environment Day, Wildlife Week, World Water Day, International Tiger Day, Bird Week, World AIDS Day, World Wetland Day, World Sparrow Day, World Biodiversity Day, etc. are also celebrated.

The library celebrates 'Vachan Prerana Din' on 15 October.

Matru Bhasha Din and Marathi Bhasha Diwas are celebrated by the department of Languages to promote reading culture among the students.

On the Birth/Death Anniversaries of Mahatma Gandhi, Dr. Babasaheb Ambedkar, Swami Vivekanand, Savitribai Fule, Annabhau Sathe, Rashtrasant Tukadoji Maharaj, Gadge Baba, Dr. Panjabrao alias Bhausaheb Deshmukh, etc. students deliver speeches to propagate the thoughts of these great men/women.

| 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.

BEST PRACTICE 1:Publication of IQAC Newsletter

Web link:https://www.shivajiscamt.org/pages/best_practises_naac.php

BEST PRACTICE 2:Environmental Air Quality Monitoring of Amravati City" and the Establishment of Continuous Ambient Air Quality Monitoring Station

Web link:https://www.shivajiscamt.org/pages/best_practises_naac.php

| File Description | Documents |
|---|---|
| Best practices in the Institutional website | https://www.shivajiscamt.org/pages/best_practises_naac.php |
| 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

Organisation of Incessant Activities for the Inculcation of Science and Scientific Temper Among the Students Culminating in the Establishment of Science and Innovation Activity Center

Research is the basis of all inventions and this college has been taking right initiatives to promote the research activities through 09 Research Centers and 10P.G. Departments.

Since its inception, the college has been actively involved in the organisation of various events, camps, workshops, etc. for the school and college students of the region like Avishkar, Inspire Camp

Taking into consideration the continuous and innovative activities of the college to promote and inculcate science and the scientific temper among the school and college students of the region, Our parent society has established Science and Innovation Activity Center in this college campus with the assistance of Rajiv Gandhi Science and Technology Commission, Govt. of Maharashtra. The entire responsibility of the management and propagation and the efficacious conduction of the various activities to be organized by this center is shouldered by this college. The college has formed a special committee of our dedicated teachers for this.

# 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

To streamline the academic process, the institution prepares a time-table and activity-calendar from the university academic-calendar and strictly follows it. Timetable and academic calendar reflect the schedule of curriculum delivery and conduct of proposed activities. Each department conducts meetings to allot papers among teachers and to schedule activities. As per the allotment of paper, teachers prepare a teaching micro plan, and its delivery is recorded in the daily-diary of each faculty. Academic diary of faculty is reviewed by the HOD and Principal periodically.

In the assessment year 2022-2023, the curriculum delivery is done through classroom teaching, guest lectures, workshops etc. Even though teaching was offline but to make teaching learning more effective the importance is given to the use of ICT tools like PPTs, animations, audio, videos, e-books, etc. Online platforms are used by teaching faculty to provide teaching materials, questions bank, practical list etc. Internal evaluation of both even and odd sessions is done by online or offline unit tests, college midterm examination prior to the University examinations, assignments, seminars, projects, etc.

Feedback is collected from all stakeholders which help to optimise the curriculum delivery process. Induction program creates awareness among newly admitted students to get familiarized with academic facilities.

| 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)

Each department prepares and submits their academic calendars for

the next session to the IQAC that include academic and extension activities to be carried out for the next academic session. Every year, IQAC prepares the college academic calendar on the basis of departmental academic calendars and university calendar. College academic calendar includes the schedules of internal assessment examinations, academic and extension activities, schedule of the university examinations and vacations. Each department adheres to the academic calendar for the conduct of CIE. Continuous internal evaluation is done on the basis of online or offline unit tests, college midterm examination, assignments, seminars, projects, etc. and internal marks are displayed on the notice board of each department. For implementation of the Internal Assessment Process, Examination committee is formed at the college level which monitors the overall internal assessment process. Students are informed about deadlines of assignment, presentation, test schedule and its evaluation criteria. The smooth conduct of the programs scheduled by each department is ensured by the IQAC through ATR of the departmental academic calendar. Continuous Internal Assessment review is taken by the Principal regularly. Institutional academic calendar is made available to all stakeholders at the institution website as well as, it is included in the prospectus.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | [View File](View File) |
| Link for Additional information | Nil |

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

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

## 1.2 - Academic Flexibility

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

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

**23**

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Minutes of relevant Academic Council/ BOS meetings | **No File Uploaded** |
| 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)

**29**

| File Description | Documents |
|---|---|
| Any additional information | View File |
| Brochure or any other document relating to Add on /Certificate programs | **No File Uploaded** |
| 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

**3743**

| 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

**Educational Institution, being a very important part of society; has a major role to play in handling cross cutting issues. Although the institute is of science faculty, this constraint has not hampered the dissemination of gender sensitivity/equality, environment and sustainability, human values and professional ethics. As colleges are developing the youth of the country, our curriculum of some regular courses and activities tries to address cross cutting issues while some value-added courses aim to inculcate social, human values, thereby leading to the holistic development of students. Besides the courses directly dealing with such issues, while designing activities like projects, research titles students are encouraged to choose topics relevant to cross cutting issues. In 2022-23, the university implemented CBCS scheme that contains GOEC like courses that gives the students to choose subjects relevant to human values and soft skill. Internship is mandatory in CBCS scheme which helps the students to learn professional ethics. During this academic year all the activities are conducted online and offline mode. Institute has initiated on-campus activities to ensure environment-friendliness and organizes special programmes on occasions such as Environment Day, World Earth Day, Ozone Day, Wild life week, Environmental Health Day and Women's Day to sensitize students and the local community about degradation of environment.**

| File Description | Documents |
|---|---|
| Any additional information | **No File Uploaded** |
| 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**

74

| 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 | No File Uploaded |
| MoU's with relevant organizations for these courses, if any | View File |
| Institutional Data in Prescribed Format | View File |

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

720

| 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 | B. Any 3 of the above |
|---|---|

| File Description | Documents |
|---|---|
| URL for stakeholder feedback report | https://www.shivajiscamt.org/pdf/Feedback2223.pdf |
| Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management | View File |
| Any additional information | View File |

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

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| URL for feedback report | https://www.shivajiscamt.org/pdf/Feedback2223.pdf |

## 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

**794**

| 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

**405**

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

## 2.2 - Catering to Student Diversity

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

In the process of identifying both slow and advanced learners, key criteria include assessing students' performance in preceding examinations and their results in online/offline class tests. Departments actively engage in various informal, student-centric activities at different levels—local, university, state, and national. These activities encompass seminars, quizzes, project competitions, case-study activities, surveys, field visits, photo competitions, geological survey training, science exhibitions, debates, individual and group presentations/discussions, intra-college poster competitions, among others. Students are also encouraged to participate in similar competitions hosted by external institutions, fostering a broader academic exposure.Moreover, students are motivated to publish research articles/papers in journals, and support is provided to prepare for national-level competitive examinations like IIT-JAM, JNU, GATE, NCL, and NET/SET. Advanced learners are further encouraged to enroll in NPTEL online courses to expand their knowledge base.They were also actively involved in online academic and research activities.

To support slow learners, departments organize remedial courses and bridge courses for both theoretical and practical subjects. Teachers contribute to the learning process by providing lecture notes and question banks in printed or digital formats, facilitating easier access for students. Additionally, mentoring and counseling services are offered to address individual learning needs and challenges.

| File Description | Documents |
|---|---|
| Paste link for additional information | https://shivajiscamt.org/aqar2223/221details.pdf |
| 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 |
| --- | --- |
| 2172 | 109 |

| 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 adopted the Choice-Based Credit System (CBCS) from this academic session, in which the emphasis is placed on student-centric methods to enhance learning experiences. This involves integrating on-the-job training, internships, and fieldwork as integral components of the curriculum. These approaches are designed to actively involve students in their learning process, providing a more engaging and effective educational experience within the CBCS framework.

In addition tomeet the educational requirements of students and enhance experiential learning, teachers organize participative learning and problem-solving sessions. Experiential learning involves virtual experiments aligned with theoretical concepts. Teachers also encourage participatory learning through group activities, such as creating video presentations on physics experiments. Problem-solving is an integral part of the curricula for Physics, Chemistry, Mathematics, and Statistics. In the third and fourth semesters, PG students must undertake compulsory projects, selecting problems for their research.

For second-year and third-year B.Sc. students, project assignments contribute to internal assessment. Nationwide and state-wide lockdowns restricted field visits, study tours, and group activities like discussions. Despite these challenges, our departments organized various online activities, including seminar competitions and contests demonstrating experiments through nationwide virtual laboratories, as well as quizzes, to engage students effectively.

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Link for additional information | https://shivajiscamt.org/aqar2223/231details.pdf |

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

**The college boasts 13 ICT-enabled classrooms and 6 smart classrooms, with an activated SWAYAM's NPTEL local chapter. Both students and teachers at our institute benefit from various online MOOCs courses. In all more than 750 students and faculty members have enrolled to different SWAYAM NPTEL courses in the academic year 2022-23.In addition the students of the college have the opportunity to engage in virtual experiments through the "Virtual Lab Nodal Centre" of the institute.**

**Our institution regularly updates students about ICT initiatives by the Ministry of Human Resource Development (MHRD), Government of India, including SWAYAM Prabha, National Digital Library, E-PG Pathshala, Shodhganga, and Shod Sindhu. Access to INFLIBNET in the library further facilitates students and teachers in satisfying their intellectual curiosity.**

**Moreover, our teachers have developed e-content for the assigned curriculum, available on department pages of the college website. From the academic year 2022-23the college successfully implemented online curriculum delivery, examinations, and assessments through its own learning management system (LMS). Beyond standard curriculum delivery, our college departments have introduced 29 online certificate courses in various subjects, benefiting approximately 2500 students.**

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

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

**completed academic year )**

## 2.3.3.1 - Number of mentors

**109**

| 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 | **No File Uploaded** |

## 2.4 - Teacher Profile and Quality

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

**109**

| 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

**60**

| 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**

**1094**

| 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 management of continuous internal evaluation at the departmental level involves the respective teacher, while the mid-term assessment of students is overseen by the established Internal Assessment Committee. The assessment comprises class tests, project assignments, seminars, study tours, industrial visits, visits to educational institutions and research organizations, fieldwork, group discussions, or any other innovative practice/activity determined by the department. First-year students are thoroughly briefed on this internal assessment procedure during the induction program at the start of each academic session. The induction program serves as a platform to explain the entire mechanism of internal assessment to students.

Additionally, the college ensures timely communication of assignment schedules, class tests, quizzes, project allocations, and submission deadlines through the academic calendar included in the college prospectus and uploaded on the college website. To maintain transparency in the assessment process, internal assessment marks are publicly displayed on departmental notice boards three weeks prior to the commencement of university examinations.

| File Description | Documents |
|---|---|
| Any additional information | [View File](#) |
| Link for additional information | https://shivajiscamt.org/aqar2223/251details.pdf |

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

If students have any concerns regarding their internal assessment marks, they may address the issue by submitting a written application outlining their grievance to the respective heads of departments. The department heads carefully examine the grievance, verifying all relevant documents, and work towards resolving the matter. If the student remains dissatisfied with the department head's decision, they have the option to escalate the grievance to the Principal. The Principal, following a thorough review of the student's internal assessment records submitted to the department, addresses and resolves the grievance.

To ensure transparency, the university mandates the display of internal assessment marks three weeks before the commencement of university examinations, allowing students ample time to address any grievances. This process ensures the timely resolution of all concerns related to internal assessment marks.

For grievances related to external examinations conducted by the university, a separate grievance redressal mechanism is in place, as per the directives outlined by S.G.B. Amravati University, Amravati, as detailed in the attached supporting document.

| File Description | Documents |
|---|---|
| Any additional information | [View File](#) |
| Link for additional information | https://shivajiscamt.org/aqar2223/252details.pdf |

## 2.6 - Student Performance and Learning Outcomes

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

The college explicitly outlines well-defined Programme Outcomes

(POs) and Programme Specific Outcomes (PSOs) for each program, along with predefined Course Outcomes (COs) for all courses across the programs offered. The articulated POs align with the college's Vision and Mission. These predetermined POs aim to equip graduating students with essential knowledge and skills, encompassing Scientific Knowledge and Experimental Skills, Communication skills, Critical Thinking & Problem-Solving Ability, Team Spirit, Leadership Qualities, Project Management, Digital Proficiency, Environmental and Societal Consciousness, Ethics, and Human values.

Departments define and communicate PSOs and COs, which are then made available to students through departmental notice boards and the college website. Additionally, during the commencement of the academic session, the Principal addresses first-year students, conveying information about POs, PSOs, and COs. Guardian teachers (mentors) further ensure awareness among their mentees through regular meetings and interactions.

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Paste link for Additional information | https://shivajiscamt.org/aqar2223/261details.pdf |
| Upload COs for all Programmes (exemplars from Glossary) | [View File](#) |

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

The assessment of Course Outcomes (COs) is directly based on the students' performance in semester-end examinations conducted by the university. Following the release of examination results, each department in the college generates reports analyzing program-specific and course-specific results, determining the overall achievement levels of all COs for each course.

The evaluation of Program Specific Outcomes (PSOs) considers the departmental-level achievements of the respective COs and overall student performance in various assessments such as seminars, quizzes, home assignments, project assignments, mid-term examinations, and feedback on teaching, learning, and evaluation. PSOs are assessed in conjunction with COs.

Program Outcomes (POs) are evaluated by considering the

achievements of COs and PSOs across all subjects. Additional parameters for assessing POs include the percentage of students eligible for degrees, the percentage of merits in the university merit list, and feedback from students. The analysis of semester-end university examination results is deliberated in meetings of the Council of Heads, Staff Council, and the College Development Committee.

Suggestions gathered from these meetings guide the Internal Quality Assurance Cell (IQAC) in initiating necessary actions for continuous improvement in the evaluation process.

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Paste link for Additional information | [https://shivajiscamt.org/aqar2223/262details.pdf](https://shivajiscamt.org/aqar2223/262details.pdf) |

## 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

541

| 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)

[https://shivajiscamt.org/aqar2223/271details.pdf](https://shivajiscamt.org/aqar2223/271details.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)**

**3.094**

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

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

**3.1.2.1 - Number of teachers recognized as research guides**

**29**

| 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**

**04**

| File Description | Documents |
|---|---|
| List of research projects and funding details (Data Template) | [View File](#) |
| Any additional information | **No File Uploaded** |
| Supporting document from Funding Agency | **No File Uploaded** |
| Paste link to funding agency website | [https://shivajiscamt.org/pages/research.php](https://shivajiscamt.org/pages/research.php) |

## 3.2 - Innovation Ecosystem

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

**Shri Shivaji Science College, Amravati, has emerged as a pivotal center for fostering innovation and the seamless transfer of knowledge, underpinned by a series of strategic initiatives. These endeavors have meticulously cultivated an environment conducive to research and creativity, demonstrating the college's commitment to academic excellence and societal advancement. This detailed report highlights the college's key initiatives, their impact, and the noteworthy achievements of its students is attached. Following activities were conducted in the academic session:**

1. **Avishkar Research Festival: A Beacon of Innovation**
2. **Central Instrumentation Cell (CIC): Advancing Research Capabilities**
3. **Empowering Research through Project Funding**
4. **Workshops and Seminars: Enriching Academic Discourse**
5. **Three-day Workshop: Systematic Literature Review and Meta-Analysis**
6. **In Person Workshop on "Effective Scientific Writing and Opportunities for Researchers"**
7. **Exploring Collaborative Interdisciplinary Research Proposal Ideas: A Group Brainstorming Session**
8. **Y – 20 Consultation Meet: Engaging Youth in Global Dialogue**

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Paste link for additional information | https://shivajiscamt.org/pages/research.php |

**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**

`11`

| File Description | Documents |
|---|---|
| Report of the event | [View File](#) |
| Any additional information | **No File Uploaded** |
| 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**

`60`

| File Description | Documents |
|---|---|
| URL to the research page on HEI website | https://shivajiscamt.org/pages/research.php |
| 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**

**32**

| File Description | Documents |
|---|---|
| Any additional information | **No File Uploaded** |
| 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**

**51**

| 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

**Educational institutions, through initiatives led by the National Service Scheme (NSS), National Cadet Corps (NCC), Red Cross, and other academic and community partnerships, have significantly transcended traditional learning paradigms. They have embarked on a mission of holistic development, touching lives both within and outside their campuses. Activities ranging from Swachh Bharat missions and AIDS awareness to promoting eco-consciousness with projects like garden developments and clay idol usage illustrate a broadened educational approach, weaving together academic excellence with societal well-being.**

**Students, the primary beneficiaries, gain immensely from these endeavors, witnessing unparalleled personal and professional growth. Stepping beyond textbooks into the heart of communities, they cultivate empathy, leadership, and teamwork skills, becoming poised for both career success and societal contribution.**

Exposure to real-world challenges sharpens their problem-solving abilities, enriching their academic journey with practical insights and fostering a robust sense of social responsibility.

The ripple effects extend to community members who receive vital resources and knowledge, empowering them and enhancing their life quality. These initiatives foster a collaborative spirit, strengthening communal bonds and promoting social equity by ensuring inclusive access to health, education, and environmental sustainability. Ultimately, this comprehensive model of education not only molds well-rounded individuals but also knits tighter, more equitable communities, underscoring the transformative power of academic institutions in society's progressive fabric.

| File Description | Documents |
|---|---|
| Paste link for additional information | https://shivajiscamt.org/pages/extension.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**

4

| File Description | Documents |
|---|---|
| Any additional information | No File Uploaded |
| 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**

**58**

| File Description | Documents |
|---|---|
| Reports of the event organized | View File |
| Any additional information | **No File Uploaded** |
| 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**

**6446**

| File Description | Documents |
|---|---|
| Report of the event | View File |
| Any additional information | **No File Uploaded** |
| 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**

**30**

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

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

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

**12**

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

**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 developed adequate physical infrastructure on an area of 11.85 acres (49754.08 sq.mt. or 534856.35 sq.ft.) to run the various academic programmes efficiently. With a total built-up area of 8728.97 sq. mt. (93836.42 sq. ft.), the college is equipped with state-of-the-art infrastructure modern amenities, and the latest equipment to facilitate effective teaching and learning. Classrooms:19 spacious and well-ventilated ICT-enabled classrooms, Laboratories:38 laboratories for UG, PG, and research with sophisticated equipments, an Advanced Nanoscience Lab in the Department of Chemistry a Central Instrumentation Cell (CIC), technology-enabled learning spaces, 03 ICT-enabled Seminar halls, etc, Computer Facilities:03 computer labs for UG & PG computer science students, a language laboratory in the existing computer science laboratory, a Network Resource Centre (NRC): (Total 237.26 Sq. Ft.) and possesses 313 computers in all, 16 Laptops, 79 printers, 29 Licensed Softwares, 09 Interactive Boards / Smart Boards, 06 LED TVs, 40 LCDs, 16 Scanners, 05 Xerox machines, 05 servers for the smooth functioning of the office administration, academic purposes, and LIBMAN library software in the library. The Computer centre is enabled with internet connectivity for non-computer students: (Total 285 .52 Sq. Ft.) The infrastructure is

used optimally from 7.00 a.m. to 6.30 p.m.

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Paste link for additional information | https://www.shivajiscamt.org/pages/infra_phy.php |

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

The college has developed adequate sports, games, and cultural activities during the years 2022-23 and has spent 2.69 lakhs on them.

Sports:

The sports, and games infrastructure is used optimally from 7.00 am to 6.30 p.m. and is also provided to the University, Government offices, N.G.Os, and Associations for conducting various sports events.

The Sports grounds and facilities are provided for Indoor Games like- Table Tennis, Badminton, Chess, Yoga, and Judo and Outdoor Games like- Basketball with flood, lights, Softball, Baseball, Cricket, Lawn tennis, Ball badminton, Kabaddi, Kho-Kho, Handball, Volleyball, Archery, Sepak Takrraw, Gymnasium, Boxing, Swimming tank (made available from the parent society.)

The college also has a gymnasium equipped with the latest facilities for the students.

Cultural activities:

For organizing various cultural events, the college is equipped with the Main Auditorium, Sir C. V. Raman Hall (Air Conditioned), a well-equipped smart auditorium, one A.V. Theatre, an Open Stage Arena (for multipurpose use), NSS office in the Department of Botany, NCC office has an area 215.47 Sq. Ft.

Recreational facilities:

The Recreation Hall is attached to the Girls' Hostel. Judo, Yoga centre, swimming pool, and such facilities are provided by our

**parent society. Girls' Common Room with an attached washroom is also established.**

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.shivajiscamt.org/pages/physical_education.php |

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

**22**

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.shivajiscamt.org/pages/infra_geotag.php |
| 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)

**181.93**

| File Description | Documents |
|---|---|
| Upload any additional information | **No File Uploaded** |
| 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 college has a well-equipped library that caters to the needs of undergraduate and postgraduate students, research scholars, and teachers. The library functions on an open-access system.

The Library is fully automated since 2002 with the SOUL 2.0 software and updated with LIBMAN ILMS software in 2019. Training for handling the same was organized during 09 -12 April 2019.

The library has started printed accession registers from the session 2022-2023. A maximum of 03 books are issued at a time to the UG students. Research scholars and PG students can be issued a maximum of 04 books at a time. This access to books is for 15 days and the students can renew it only once if required. The books are classified according to the Dewey Decimal Classification Scheme (DDC 22nd edition).

To ensure the smooth working of Library functions, a library committee is formed under the chairmanship of the Principal, the Librarian as a member secretary, and heads or coordinators of the PG departments as members.

A refined and transparent book selection policy adds to the collection of the library. Books on other subjects like biographies, autobiographies, novels, etc. are also purchased.

Books recommended by the staff and students are purchased on

priority basis.

The college has its website www.shivajiscamt.org

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Paste link for Additional Information | https://www.shivajiscamt.org/pages/library.php |

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

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

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

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

**2.68**

| File Description | Documents |
|---|---|
| Any additional information | **No File Uploaded** |
| 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

**220**

| File Description | Documents |
|---|---|
| Any additional information | **No File Uploaded** |
| 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 has upgraded the internet connection bandwidth from 40 Mbps to unlimited 150 Mbps bundled connectivity under the VPN broadband facility through MHRD's MHEICT mission. Reliance Jio Digital Life Jio ultra-high-speed Optical fiber Wi-Fi services are also made available on the college campus. All the computers**

are connected with Wi-Fi/LAN. All the departments are equipped with computers, printers, scanners, LAN, and Wi-Fi connectivity

IT Infrastructure:

The college has three computer labs for UG & PG computer science students and a Network Resource Centre (NRC) lab.

Since the AQAR 2022-23 of NAAC the college has updated the IT infrastructure: 313 computers, 16 Laptops, 82 Printers, 16 scanners, and LCD Projectors from 25 to 40. Interactive Boards / Smart Boards from 08 to 09, LCD TVs from 03 to 06, 05 Xerox machines, 05 servers, and 29 Licensed Software have been set up for the smooth functioning of the office administration, academic purpose, and library services.

As a part of the Regular up-gradation of Office Administration Software, the previous E-Governance, MIS, ERP, and EMS system software have been replaced with the advanced Cloud Based ERP CCMS – Centralized Campus

Management System containing modules viz, One Time Data Conversion, Online Admission Payment Gateway & Time

Cloud Setup.

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Paste link for additional information | [https://www.shivajiscamt.org/pages/infra_it.php](https://www.shivajiscamt.org/pages/infra_it.php) |

## 4.3.2 - Number of Computers

329

| File Description | Documents |
|---|---|
| Upload any additional information | No File Uploaded |
| List of Computers | [View File](#) |

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

| File Description | Documents |
|---|---|
| Upload any additional Information | **No File Uploaded** |
| 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)

**104.26**

| 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.

The college has established systems and procedures for maintaining and utilizing Physical, Academic, and support facilities. College has regular maintenance and periodic replenishment of essential facilities.

The Repair and maintenance of physical, academic, and support facilities:

The repairs and maintenance of Classrooms, library, Laboratories, computers and other physical, academic, and support facilities is a continuous process. Further, the college has well-defined guidelines and procedures for repairing and maintenance activities to ensure time-bound maintenance work. The college has established systems and procedures for maintaining and utilizing physical facilities as below:

1. All the physical, academic, and support facilities are augmented and maintained through various college committees such as the College

Development Committee (CDC), Library Committee, Building Committee, Purchase Committee, UGC Planning Committee, Campus Discipline, Cleanliness Committee, etc.

1. At the beginning of every academic year, these committees take care of the proper availability of blackboards, lighting, ICT-based facility, and furniture in classrooms.
2. Library Advisory Committee is functional and takes care of the library matters and functions.
3. Physical education department has the responsibility for the creation and maintenance of sports facilities on the campus for the students and the faculty.

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Paste link for additional information | https://www.shivajiscamt.org/pages/infra_maint.php |

**STUDENT SUPPORT AND PROGRESSION**

**5.1 - Student Support**

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

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

1143

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

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

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

**09**

| 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** | **A. All of the above** |

| File Description | Documents |
|---|---|
| Link to Institutional website | https://www.shivajiscamt.org/aqar2223/513details.pdf |
| 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**

**224**

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

**224**

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

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

| 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**

| 70 | |
| --- | --- |
| 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**

| 438 | |
| --- | --- |
| 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**

| 11 | |
| --- | --- |
| 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.**

**66**

| File Description | Documents |
|---|---|
| e-copies of award letters and certificates | View File |
| Any additional information | View File |
| Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template) | View File |

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

**Responses: Yes**

**Student's Representation:**

**Students' Council:**

**The college has a Student Council whose secretary also serves as the college representative to the University Student Council. The Student Council of the college is constituted as per the section 40(2) (b) of the Maharashtra University Act, 1994. The secretary of the Students' Council is elected from among the Class Representatives who are nominated, one from each class on the basis of the academic merit, two girls representatives and one student representative each from the NCC, NSS, Games and Sports, Cultural activities. The major activities of the Students' Council include- maintaining the general discipline and to create a conductive atmosphere for curricular, co-curricular and extra-curricular activities in the college. It also endeavours to resolve students-related problems from time to time. It organizes different functions in the college including Annual Social Gathering (Shivotsav), Felicitation Programme for meritorious**

**students, celebration of various days like-Youth Day, Teachers' Day, Science Day, Environment Awareness Programmes, etc. Students also participate in "National Student parliament'.**

**Student Representation in following committees, associations, publications and events:**

**College Committees**

**Youth Festival & Shivotsav**

**Subject Associations/Clubs**

**Avishkar, Workshop and Conferences**

**NSS and NCC**

**College Magazine**

| File Description | Documents |
|---|---|
| Paste link for additional information | https://www.shivajiscamt.org/aqar2223/532details.pdf |
| Upload any additional information | View File |

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

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

**76**

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

| 5.4 - Alumni Engagement |
|---|

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

**Response: Yes**

The institution has a registered Alumni Association- "Alumni Association of Shri Shivaji Science College, Amravati" with the Registration No.: Maharashtra / 700/ 06 Amravati. It has been functioning for many years as a supportive and mentor unit of the college. The college has illustrious alumni who are spread over different parts of our country and abroad. The Association has been playing a key role in keeping them all connected to their august alma mater. It has been consistently taking efforts to implement various activities aiming to add to the overall development and reputation of the college. Meetings of the Executive body are regularly conducted. Current office bearers of the Alumni Association comprise of fifteen members. Shri. Dr. Pravin Raghuvanshi, Professor & Head, Department of Chemistry, Brijlal Biyani College, Amravati acts as the president of the association.

**Financial Contributions:**

As per the decision of the Alumni Association, financial assistance is provided Rs.2,30,000/- to economically backward students.

**Non-financial Contributions-**

**Alumni Lecture Series:**

Organization of Alumni Lecture Series has been a regular activity of the Alumni Association.

**Career Guidance and Placement Services-**

Our Alumni who hold administrative positions conduct career guidance programmes and offer placement services to the students to help achieve their career goals.

| File Description | Documents |
|---|---|
| Paste link for additional information | https://www.shivajiscamt.org/aqar2223/541d etails.pdf |
| Upload any additional information | View File |

| **5.4.2 - Alumni contribution during the year (INR in Lakhs)** | **D. 1 Lakhs - 3Lakhs** |
|---|---|

| File Description | Documents |
|---|---|
| Upload any additional information | View File |

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

## 6.1 - Institutional Vision and Leadership

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

The parent management, college development committee, Principal and IQAC are the apex body of the college that plan policies for sustenance and enhancement of overall quality education and development of the college. The management attempts to develop the college as a premier higher education institute offering quality education in the UG, PG, Research and Skilled development programs.

The leadership, comprising of the management, the Principal, IQAC and the HODs of various academic and co-curricular activity departments invest collective efforts bringing in a conducive academic atmosphere in the college. The governance of the college is in tune with Vision and Mission of the college. The college ensures equal opportunity to all the deserving and meritorious students and also tries to bridge the gap between the rural-urban divide through organizing various academic, co-curricular, extracurricular and extension activities for the students.

The perspective plan, which is prepared in consultation with the CDC, IQAC, College council and Council of Heads helps to develop to achieve and welfare measure in tune with vision and Mission. The decisions regarding the academic activities and the process

for implementing is taken by the IQAC and college council, which are subject to approval of the CDC. The departmental academic, co- curricular, extracurricular and research activities are planned and implemented by the teachers of the respective departments. The extension activities in collaboration with various organisations and dealing with varied issues like gender equity, environment protection, etc. have sensitized the youth and made them responsible citizens.

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

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

The institution practices decentralization and participatory management in keeping with its belief in collective leadership and democratic traditions. According to Maharashtra University Act 2016 the governance of the college is done through various committees such as CDC, IQAC, and Committees are categorized as statutory (10) and non-statutory committees (63).

Non-statutory committees are further categorized as –

1. Academic Program Development & Quality Enhancement Committees

2. Students Learning & Outcome Enhancement Committees

3. Research, Innovation and Outreach Enhancement Committees

4. Infrastructure Development & Maintenance Committees

5. Student Support and Facilities Enhancement Committees

6. Governance, Planning, Quality Assurance & Human Resource Training & Development Committees

7. Institutional Values Promotion Committees

The teachers, non-teaching staff and students are members of the

various committees. The parent management encourages the faculty to organized various events and activities to develop leadership and administrative environment. In addition, various temporary committees are formed as per the need. The teachers are appointed as the members of these committees by taking into account their interests and abilities.

The council of heads of departments take decisions about teaching-learning plans, budget allocation, academic development issues, results, infrastructural growth of department, implementation of the research, consultancy, student-oriented events extension activities and sanction of CL of the staff. The budget allocation is done by the principal as per the need of the departments. The IQAC, monitored through the Academic Audit of the departments.

| 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

The principal assigns work to the conveners of different committee so that the result may be accomplished through team work spirit. The perspective plans focus upon matters like infrastructural development, introduction of new programmes, courses, enhancement of quality in teaching-learning process, promotion of research and healthy practices. With reference to the decision of the CDC, IQAC and the Council of Heads, every department designed the curricula and starts Certificate Courses of minimum 30 hours. From these courses college has submitted proposal to the university for affiliation and 5 courses sanctioned by university to start from next session.

During current year college has started M.Sc. in Microbiology, post graduate diploma in Content writing and Cyber Security. Items like having ISO certification, getting listed twice in NIRF, conducting more add-on / skill-based courses, widening the base of extension activities, excelling in university exams as well as in research, sports and theatre activities, making provisions for rainwater harvesting, campus waste management, rails, ramps and toilets for the differently abled, etc. were the

other important items of the perspective plan. Most of the
projects listed in the perspective plan have been successfully
implemented in last four years and the work on the rest is in
progress. Deployment documents of various completed activities
are uploaded on the college website and its quality is reviewed
by the Council of Heads, IQAC and the CDC.

| 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.

Shri Shivaji Science College, Amravati is a grant-in-aid college
affiliated to Sant Gadge Baba, Amravati University, Amravati,
Maharashtra. The Institute is governed by Shri Shivaji Education
Society, Amravati.

College Development Committee: According to the Maharashtra
Public Universities Act 2016, the CDC is formed. It prepared an
overall comprehensive development plan of the college regarding
academic, administrative and infrastructural growth. It takes
decision regarding to introduce new academic courses and the
creation of additional teaching and administrative posts, policy
to encourage and strengthen research culture, consultancy,
collaboration and extension activities in the college.

The principal is the administrative and executive head of the
institution responsible for implementing policies and decisions
of the CDC. He is authorized to take decisions regarding
academic, administrative and financial matters in accordance with
the policy matters as per the rule and regulation of State
Government and UGC. The Office Superintendent is head and
custodian of the college office which includes three sections-
Establishment, Accounts and UGC.

IQAC plans for development of quality parameters for the various
academic and administrative activities. It coordinates between
the management, the principal, the staff and the students.

| File Description | Documents |
|---|---|
| Paste link for additional information | **Nil** |
| Link to Organogram of the institution webpage | https://www.shivajiscamt.org/uploads/622_additional.pdf |
| 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

**As per the state government, university statues norms our parent society and the college has initiated several welfare measures for well- being of teaching and non-teaching staff.**

**Health Insurance Scheme offered in collaboration with the HDFC – Ergo Life Insurance company. In 2020-21,85 members have been insured through this scheme.**

**Grain advance is given to the 39 non-teaching staff in the academic year 2022-23**

**LTC scheme is offered to the college staff on demand as per laid down by the government.**

The college has fund raising drive to help the affected employee by an unforeseen calamity.

Some other schemes implemented by the college- Maternity leave; Retirement pension Scheme (for faculties prior to 2005); New Pension Scheme (after 2005); GPF, gratuity and leave encashment, Vacation leave, Casual leave, Earned Leave and Medical leave and child care leave. Financial support to the staff attending Seminars, Conferences and Workshops. Research grant also provided to the staff after making presentation of proposed research work. Additional grant is also provided to teachers who are going to present paper in international conference abroad. Medical facility is provided to teaching and non-teaching staff in Dr. Panjabrao Deshmukh Memorial Medical College, Amravati, which is run by the institution.

| 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**

46

| File Description | Documents |
|---|---|
| Upload any additional information | [View File](#) |
| Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template) | [View File](#) |

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

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

**02**

| 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**

**23**

| File Description | Documents |
|---|---|
| IQAC report summary | **No File Uploaded** |
| 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

**All teaching staff maintained their records of performance-based appraisal report yearly and it is collected at the end of**

academic year in the format provided by the SGB Amravati University as per the Direction No.:35/2019, Dated 7/9/2019 for the Self-Assessment Page 52/123 17-05-2023 01:44:18 Annual Quality Assurance Report of SHRI SHIVAJI SCIENCE COLLEGE Proformas cum Score Sheets for the API based Performance Based Appraisal System (PBAS) for Appointments and Promotions at different levels under CAS of Teachers. Accordingly, Annual PBAS formats of all the teachers are collected at IQAC level which are evaluated by the principal.

Parent management also design scheme of evaluation of the performance of teachers and the nonteaching staff through the self- performance appraisal form. The Self appraisals are considered for the confirmation and promotion of employees by the management through the CDC. Performance of the nonteaching staff is evaluated by the respective heads of the departments and the principal, through the proforma provided by the parent management. The filled- in appraisal reports are submitted to the management. The non- teaching staff are also evaluated based on their contribution towards the responsibility given to them by considering their work achievements, qualification enhancement and adaptability towards the technological advances. The Management takes a review of the performance appraisal reports and an appropriate decision is taken by the management whenever required.

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

## 6.4 - Financial Management and Resource Mobilization

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

An audit is an objective examination and evaluation of the financial statements of an organization to make sure that the records are a fair and accurate representation of the transactions they claim to represent. College has regular Internal financial auditing. For a smooth function of the accounting, college maintains various accounting entities. Previous year accounts are scrutinized prior to the preparation of the financial budget for the next financial year.

The institute has a statutory mechanism for audit. The accounts department takes corrective action based on the report if required. At the end of financial year Statutory Audit is conducted. Account Books to formulate whether the Institute keeps it properly, Balance-Sheet to get a true and Fairview of the state of affairs of the college Income and expenditure accounts to verify the excess of income over expenditure or vice versa all are examined.

Objections regarding the audit by the auditor are discussed, takes the expected corrective measures and are clarified by the accounts department. A report is submitted to the government audit department and ATR is also sent to the auditor for further clarification and for the final approval.

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

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

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

**258000**

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

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

The College is affiliated to San Gadge Baba Amravati University, Amravati. Grants received from various funding agencies, examination grant from the affiliated university. Other sources of mobilization of funds are students' fees and self-financed courses fees.

To receive funds from various funding agencies like UGC, DST, DBT, CSIR etc., resource mobilization policy and procedures are maintained by college such as preparing proposal by IQAC, sending the proposals, preparing annual budget as per the funds available, preparing departmental fund allocation as per the requirement by departments, calling of tenders, opening of received tenders before the purchase committee and placing orders to a vendor quoting the minimum cost.

For the optimum utilization of the resources, the college invites requirements from all departments to prepare budgetary plan. The Purchase Committee works on budgetary plan and sanctions the budget for financial resources and requirements of departments and submits it to the Principal and the CDC for final approval. The utilization of the sanctioned budget is monitored by the Council of Heads, IQAC, CDC and Audit Department.

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

## 6.5 - Internal Quality Assurance System

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

Institutionalization of number of quality assurance strategies was planned and executed by the college IQAC. Contribution as preparing and implementing the college academic calendar, perspective-plan, admission process, teaching-learning process enhancement, measuring learning outcomes, research activities promotion, sports and cultural enhancement.

Practices for institutionalizing the quality assurance strategies and processes:

1. Strengthening of IT assisted administration and teaching learning process:

The college has upgraded the internet connection bandwidth to unlimited 40 Mbps bundled connectivity under the VPN broadband facility through MHRD's MHEICT mission. Reliance Jio Digital Life Jio ultra-high-speed Optical fiber Wi-Fi services are also made available on the college campus. The college is equipped with ICT-

enabled classrooms Classrooms:19, Laboratories:38 laboratories for UG, PG,03 ICT-enabled Seminar halls, Computer Facilities:03 computer labs for UG & PG computer science students, a language laboratory, a Network Resource Centre possesses 313 computers in all, 16 Laptops, 79 printers, 41 Licensed Software's, 09 Interactive Boards / Smart Boards, 04 LED TVs, 25 LCDs, 16 Scanners, 06 Xerox machines, 07 servers for the smooth functioning of the office administration, academic purpose.

1. One day workshop on CBCS -NEP Executors Training Program:

3. Innovation Activities Promotion & Organization Committee (IAPOC): Project Funding for research projects for students

This project funding is awarded to full time students admitted to UG, PG and Research Scholars of Shri Shivaji Science College, Amravati. The main aim of this scheme is to promote research culture and critical thinking as essential at the age of openness and globalization for knowledge-based society.

During this 2022-23 session, funds up to Rs.10,000 were provided by the college.

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

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

The IQAC of the college has devised several mechanisms to review the effectiveness of the teaching learning process, structures and methodologies of operations in the institution and strived hard for its reforms.

1.Structured feedback and Review of learning outcomes:

Feedback is a vital part of the teaching-learning process. The analysis of the effectiveness of teaching learning is made through the stakeholder's feedback mechanism. It helps the mentor to recognize that how the students know his or her subject being taught. The collection and analysis of feedback from different

stakeholder assist the institution to understand the need of society. Keeping this view in the centre, IQAC has developed well-structured feedback systems. IQAC prepares various feedback forms and collects structured feedback on design and review of syllabus, completion of syllabus, infrastructure and facilities. Submitted feedback analysed and accordingly measures are taken.

2. Internal Academic Audit: of the Departments conduct by IQAC which includes the verification, assessment and review of the various teaching-learning, extension, research, and extracurricular activities carried out by the departments. The departmental fact-sheets include number of teachers and students, programs offered, analysis of the university results, teaching facilities available, newly added equipment's and computers, academic activities, research papers published in the journals and presented in the conferences, FDP attended, the teachers' and students' achievements, extension activities, placements, career guidance programs. If any suggestions communicated to the particular department for the improvement and corrective measures.

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

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

| File Description | Documents |
|---|---|
| Paste web link of Annual reports of Institution | **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) | [View File](#) |

## 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

**The overall atmosphere of the college is safe and secure for females in all respects. The girls students and the women staff get respect, equal rights and opportunities in the academic and administrative spheres. In each programme, about 60- 75% admitted students in the college are girls which reflects the faith and trust of parents. There is an equal or more participation of girls in the cultural, sports, and outdoor Nature camps too.**

**The Women Empowerment Cell and the Anti-Sexual-Harassment Committee in the college organize various gender equity and sensitization programmes to ensure and encourage women empowerment in all areas.**

**A separate Girls Hostel with a caring and responsible Warden is administered by the Girls Hostel Committee comprising of lady teachers. The hostel is under CCTV surveillance and has 24-hour Security guards.**

**The college invites professional counsellors and other external health experts like gynaecologists to guide and motivate the girls students on issues like menstrual hygiene, depression, etc. and to boost their courage, confidence and morale.**

**Common Room for girls students with resting facilities is available in the college campus. One incinerator is installed in the common room for the proper disposal of the sanitary napkins.**

| File Description | Documents |
|---|---|
| Annual gender sensitization action plan | [https://www.shivajiscamt.org/aqar21/7.1.1_Gender_Sensitization_Action_Plan.pdf](https://www.shivajiscamt.org/aqar21/7.1.1_Gender_Sensitization_Action_Plan.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 | [https://shivajiscamt.org/aqar2223/711details.pdf](https://shivajiscamt.org/aqar2223/711details.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** | **A. 4 or All of the above** |
|---|---|

| File Description | Documents |
|---|---|
| Geo tagged Photographs | [View File]() |
| Any other relevant information | [View File]() |

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

**The institution has formed its Clean and Green Campus Policy Document and adopted a Green Protocol.**

**Solid Waste Management**

**Plastic Free College Campus with a complete ban on single-use plastics.**

**Segregation of Dry Waste and Wet Waste.**

**Proper maintenance of infrastructure and timely repair of furniture to minimize solid waste.**

**Waste Material Write Off.**

**Paperless Office and E-Communication.**

Use of One-side blank pages.

Learning Management System" reducing the wastage of paper.

Waste paper recycling through a local trader.

Incinerator for the disposal of sanitary pads in the Girls' Common Room.

A Biogas Plant with a capacity of 2000 Ltr getting the waste food from the canteen and the Girls' Hostel Mess.

Vermicompost Unit in the Medico-Botanical Garden

E-Waste Management

Use of refill inkjet cartridges and laser toners.

Use of Components and other small devices/parts of non-repairable equipments to fabricate new experimental kits / power supplies.

The unwanted computer machines, printers, etc. donated to the society's schools and colleges.

Two Rainwater Harvesting Units

Two Soak Pits for groundwater recharge for non-hazardous liquid west generated from laboratories.

Hazardous Chemical Waste Management Unit to collect the hazardous chemical waste to be carried away by the firm SMS ltd., Nandgaon-Peth for the treatment.

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

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

| Maintenance of water bodies and distribution system in the campus | |
| --- | --- |

| 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:<br><br>1. Restricted entry of automobiles<br>2. Use of bicycles/ Battery-powered vehicles<br>3. Pedestrian-friendly pathways<br>4. Ban on use of plastic<br>5. Landscaping | A. Any 4 or All of the above |
| --- | --- |

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

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

| 7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities | 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 | **No File Uploaded** |
| Any other relevant information | **No File Uploaded** |

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

**A. Any 4 or all of the above**

| File Description | Documents |
|---|---|
| Geo tagged photographs / videos of the facilities | View File |
| Policy documents and information brochures on the support to be provided | View File |
| Details of the Software procured for providing the assistance | View File |
| Any other relevant information | View File |

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

**The college takes sincere efforts/initiatives in providing an inclusive environment including tolerance and harmony.**

**This includes the celebration of 'The National Communal Harmony Day' (Sadbhavana Diwas) on 20th August. On this day, NSS unit of**

the college conducts Guest Talks on National Integrity and the college students also express their progressive views on National Integrity.

During the NSS camps the Street Play based on the Kirtanas of St. Tukaram and Sant Gadge Baba; Patriotic Cultural Dance Program; Guest Lectures, Street Plays on superstition eradication, etc. are organized for instilling the moral values.

Most of the literature prescribed for the language subjects of the B.Sc. I course aims at refining the human senses and instilling among them values regarding culture and harmony.

The students having Urdu as their mother tongue are encouraged by the department to share the themes of certain ghazals, poems and short stories into English or Marathi during the lecture and the Viva Voce/ presentations organized for the students.

In the college Annual Magazine 'Shivasmruti', the students are encouraged to express their views on various social, educational, economic, environmental, cultural issues. The write-ups in the magazine are published in four languages- Marathi, Hindi, English, and Sanskrit.

| 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 | No File Uploaded |

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

The Constitution Day is celebrated every year in the college on 26th November to mark the dedication of the Supreme Constitution of India to the nation. The students and the teachers deliver speeches on the importance of adhering to the constitution.

The college organised various awareness programmes, rallies, competitions, quizzes, Swachha Bharat Abhiyans, Tree Plantation programmes, etc.

**Blood Donation Camps are organised by NSS and NCC in which a large number of students and staff donate their blood.**

**Through regular sports activities, human values like discipline, courage, mental and Physical health Persistence, Team Spirit, killer instinct etc. are instilled amongst the students.**

**Voters' Day is celebrated on 25 January every year in the college by organising Voters Awareness Programme generally in collaboration with the Collector Office. Eligible students are encouraged to register as votersand those registered are oriented to vote enthusiastically in all elections.**

**Students are also encouraged to go through the Preamble of our constitution insightfully. Reading of the preamble is also organised for the staff and the students in the campus.**

| File Description | Documents |
|---|---|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | https://shivajiscamt.org/aqar2223/719details.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** | **A. All 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

**Our two National Festivals- Independence Day and Republic Day- and also Maharashtra Day are celebrated following strictly the directives from the Government.**

**The Constitution Day is celebrated every year in the college on 26th November to mark the dedication of the Supreme Constitution of India to the nation.**

**On National Science Day, various events like Quiz Competitions, Demonstrations, Video/Poster Competitions, Seminars, Workshops, etc. to inculcate scientific temper among the students are organised.**

**The Army Day, International Women's Day, International Yoga Day, National Sports Day, National Youth Day, International Day for the Preservation of the Ozone Layer, World Environment Day, Wildlife Week, World Water Day, International Tiger Day, Bird Week, World AIDS Day, World Wetland Day, World Sparrow Day, World Biodiversity Day, etc. are also celebrated.**

**The library celebrates 'Vachan Prerana Din' on 15 October.**

**Matru Bhasha Din and Marathi Bhasha Diwas are celebrated by the department of Languages to promote reading culture among the students.**

**On the Birth/Death Anniversaries of Mahatma Gandhi, Dr. Babasaheb Ambedkar, Swami Vivekanand, Savitribai Fule, Annabhau Sathe, Rashtrasant Tukadoji Maharaj, Gadge Baba, Dr. Panjabrao alias Bhausaheb Deshmukh, etc. students deliver speeches to propagate the thoughts of these great men/women.**

| 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.

BEST PRACTICE 1:Publication of IQAC Newsletter

Web
link:https://www.shivajiscamt.org/pages/best_practises_naac.php

BEST PRACTICE 2:Environmental Air Quality Monitoring of Amravati City" and the Establishment of Continuous Ambient Air Quality Monitoring Station

Web
link:https://www.shivajiscamt.org/pages/best_practises_naac.php

| File Description | Documents |
|---|---|
| Best practices in the Institutional website | https://www.shivajiscamt.org/pages/best_practises_naac.php |
| 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

Organisation of Incessant Activities for the Inculcation of Science and Scientific Temper Among the Students Culminating in the Establishment of Science and Innovation Activity Center

Research is the basis of all inventions and this college has been

taking right initiatives to promote the research activities through 09 Research Centers and 10P.G. Departments.

Since its inception, the college has been actively involved in the organisation of various events, camps, workshops, etc. for the school and college students of the region like Avishkar, Inspire Camp

Taking into consideration the continuous and innovative activities of the college to promote and inculcate science and the scientific temper among the school and college students of the region, Our parent society has established Science and Innovation Activity Center in this college campus with the assistance of Rajiv Gandhi Science and Technology Commission, Govt. of Maharashtra. The entire responsibility of the management and propagation and the efficacious conduction of the various activities to be organized by this center is shouldered by this college. The college has formed a special committee of our dedicated teachers for this.

| 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

- To Conduct various Gender Equity Programmes through Women Empowerment Cell like Counselling of Girls students regarding menstrual hygiene, safety measures, domestic violence, sexual and mental harassment, financial Independence, Career development, etc.
- Effective Maintenance of Solar Energy Plants, Biogas Plant.
- To Promote Sensor based energy and water conservation
- To Solid waste, Liquid Waste, Chemical Hazardous Waste,
- To establish a vibrant Waste Recycling System
- Initiate effective E-Waste management
- Construction of bunds at the adopted village
- Effective Maintenance of Water Bodies and water distribution system.
- Promote Use of Bicycles and battery powered vehicles
- To Conduct Environment and Energy Audit
- To provide disabled friendly environment to divyangjans
- To make screen reading software available for the blind students.

- Organise programmes to promote tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities
- Organise programmes to Sensitize students and employees to the constitutional obligations, values, rights, duties and responsibilities of citizens
- Conduct Periodic Programmes regarding the code of conduct for students, teachers, administrators and non-teaching staff.
- To celebrate/ organize national and international days like- The Constitution Day, National Science Day, International Women's Day, International Yoga Day, National Sports Day, National Youth Day, World Environment Day, Wildlife Week, etc. are also celebrated.