



## **YEARLY STATUS REPORT - 2023-2024**

### **Part A**

#### **Data of the Institution**

|  |                                   |   |
|--|-----------------------------------|---|
| <b>1.Name of the Institution</b>                     |                                   | <b>Shri Shivaji Science College,<br/>Amravati</b> |
| • Name of the Head of the institution                | <b>Dr. G. V. KORPE</b>            |   |
| • Designation  | <b>Principal</b>                  |   |
| • Does the institution function from its own campus? | <b>Yes</b>                        |   |
| • Phone no./Alternate phone no.                      | <b>07212660855</b>                |   |
| • Mobile No:   | <b>9822643575</b>                 |   |
| • Registered e-mail                                  | <b>korpegv@rediffmail.com</b>     |   |
| • Alternate e-mail                                   | <b>korpegv@gmail.com</b>          |   |
| • Address  | <b>Shivaji Nagar, Morshi Road</b> |   |
| • City/Town  | <b>Amravati</b>                   |   |
| • State/UT   | <b>Maharashtra</b>                |   |
| • Pin Code   | <b>444603</b>                     |   |
| <b>2.Institutional status</b>                        |                                   |   |
| • Affiliated / Constitution Colleges                 | <b>Affiliated</b>                 |   |
| • Type of Institution                                | <b>Co-education</b>               |   |
| • Location   | <b>Urban</b>                      |   |

|   |   |
|---|---|
| • 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.   | 07212660855   |
| • Alternate phone No.   | 9403054350  |
| • Mobile  | 9403054350  |
| • IQAC e-mail address   | iqacshivajiscamt@gmail.com  |
| • Alternate e-mail address  | wamanbarde81@gmail.com  |
| 3.Website address (Web link of the AQAR (Previous Academic Year)        | <a href="https://www.shivajiscamt.org/pdf/2023-2024/AQAR%202223%2027_04_2024.pdf">https://www.shivajiscamt.org/pdf/2023-2024/AQAR%202223%2027_04_2024.pdf</a>                           |
| 4.Whether Academic Calendar prepared during the year?                   | Yes   |
| • if yes, whether it is uploaded in the Institutional website Web link: | <a href="https://www.shivajiscamt.org/pdf/2023-2024/CLG%20Academic%20Calendar%202023-2024.pdf">https://www.shivajiscamt.org/pdf/2023-2024/CLG%20Academic%20Calendar%202023-2024.pdf</a> |

**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 | 01/12/2013 |
|---------------------------------|------------|

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 |
|--|---|-----------------------------|-----------------------------|--------|
| Shri Shivaji Science College/Science and technology  | DBT Star College Strengthening Component, | Department of Biotechnology | (2023-2024)                 | Nil    |
| 8.Whether composition of IQAC as per latest NAAC guidelines  |   |                             | Yes                         |        |
| • Upload latest notification of formation of IQAC  |   |                             | <a href="#">View File</a>   |        |
| 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   |   |                             | <a href="#">View File</a>   |        |
| 10.Whether IQAC received funding from any of the funding agency to support its activities during the year?             |   |                             | Yes                         |        |
| • If yes, mention the amount   |   |                             | 310626                      |        |
| 11.Significant contributions made by IQAC during the current year (maximum five bullets)                               |   |                             |                             |        |
| A workshop on "ERP based Stock Management" for office and Laboratory staff.  |   |                             |                             |        |
| Financial support to students and teachers for innovative research projects.   |   |                             |                             |        |
| Paryavaran Puraskar awarded from affiliating university,Sant Gadge Baba Amravati university ,Amravati                  |   |                             |                             |        |
| Received DBT STAR grant of rs.3 crore for purchase of equipments and to organise activities.UG students                |   |                             |                             |        |

Inredisplinary National Conference was organised by computer and mathematical sciences.

**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  |
|---|--|
| New courses BBA, Data Analytics, B.Sc.Forensic Sciences ,Applied sciences,WEd designingand development,social sciences,medical laboratory technology.PGD in Data Processing and Nano technology. Proposal prepared                      | Sanction of New courses  |
| Augmentation of Infrastructure and Resources to run new programs  | Extension of Geology lab.for newly introduced course M.Sc. Geo informatics                       |
| Workshop for the developmnt of the curriculum was organised by life sciences department.  | Total 457 participants wers actively involved.   |
| Guidance and motivation to students to participate in cultural and sports activities.   | 20 students received university color coat and national.   |
| College level Avishkar was organised to promote research culture in UG and PG students.   | 33 Selected from this stage i.e.10 disrict and 04 university I phase                             |
| E-Waste collection deive was organised at parent society level.   | All the collected E waste was desposed by scientific way under MOU and renew of 98000 generated. |
| Technoutsav was organised for the students .  | average percentage of placement was increased  |
| New courses BBA, B.Sc.Data Analytics, B.Sc.Forensic Sciences ,PGD Soil testingApplied sciences,WEd designingand development,social sciences,medical laboratory technology.PGD in Data Processing and Nano technology. Proposal prepared | 10 New courses proposal submitted for sanction   |
| 13.Whether the AQAR was placed before statutory body?   | Yes  |

- Name of the statutory body

| Name                        | Date of meeting(s) |
|-----------------------------|--------------------|
| College Development Council | 11/04/2023         |

#### 14. Whether institutional data submitted to AISHE

| Year    | Date of Submission |
|---------|--------------------|
| 2023-24 | 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 AY2021-22. 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 (II year) level programs. From this academic year NEP is implemented at M.Sc.I.

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

The affiliating university has introduced a Choice Based Credit System for UG and PG degree programs NEP also implemented for M.Sc.I for affiliated HEIs and also registered for ABC. So, the students enrolled for UG and PG programs in academic session 2023-24 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, Ecotourism and wildlife photography, Gardening and Land Scalping are introduced as add-on courses at the UG level which have flexible entry and exit. From this session affiliating university have sanctioned five add on courses .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)**

Integrated knowledge connects, relates and unifies concepts in various situations. Students integrate their knowledge by exploring, identifying, organizing and synthesizing ideas and information to assess experiences and solve problems.The Indian knowledge system seeks to encourage and enable more study in a number of areas, including holistic health, psychology, neuroscience, nature, the environment, and sustainable development, in order to address current societal problems.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.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.Ours is an educational focuses on the desired outcomes or results of the learning process, rather than just the delivery of content or the completion of courses.Students are

encouraged and guided 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. PG students are also motivated by providing funding and special guidance to create interest in the threaten areas of various subject. Students also exposed to various techfest, exhibition and gatherings to build up their confidence and presentation skill.

## 20.Distance education/online education:

New Education Policy 2020 urged the need to create an open, transformed, and evolvable E-learning infrastructure to solve the lack of reach and complex diversity in education system by the centre and state education bodies. With new policy, online education in India flourished and was promoted all over the country with a variety of educational software and portals for students and teacher development at all level. Online learning has become a powerful educational tool in today's rapidly evolving world. With the advancement of technology, the traditional classroom setting is no longer the only means of acquiring knowledge. Distance Education is a modern way of learning that allows students to study within their own space and time without being physically present in the school/college/university. With the advancement in internet and multimedia technologies, it has paved a doorway of transformation that traditional ways of organizing teaching-learning pedagogy need to be reinforced by innovative methods. 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. New Education Policy 2020 urged the need to create an open, transformed, and evolvable E-learning infrastructure to solve the lack of reach and complex diversity in education system by the centre and state education bodies. With new policy, online education in India flourished and was promoted all over the country with a variety of educational software and portals for students and teacher development at all lev



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### Extended Profile

#### 1.Programme

|  |     |
|--|-----|
| 1.1  | 128 |
| Number of courses offered by the institution across all programs during the year |     |

| File Description | Documents                 |
|------------------|---------------------------|
| Data Template    | <a href="#">View File</a> |

#### 2.Student

|                                    |      |
|------------------------------------|------|
| 2.1                                | 2090 |
| Number of students during the year |      |

| File Description | Documents                 |
|------------------|---------------------------|
| Data Template    | <a href="#">View File</a> |

|  |     |
|--|-----|
| 2.2  | 430 |
| Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year |     |

| File Description | Documents                 |
|------------------|---------------------------|
| Data Template    | <a href="#">View File</a> |

|   |     |
|---|-----|
| 2.3   | 734 |
| Number of outgoing/ final year students during the year |     |

| File Description | Documents                 |
|------------------|---------------------------|
| Data Template    | <a href="#">View File</a> |

| **3.Academic** |  |

|  |     |
|--|-----|
| 3.1  | 124 |
| Number of full time teachers during the year |     |

| File Description | Documents                 |
|------------------|---------------------------|
| Data Template    | <a href="#">View File</a> |

|  |     |
|--|-----|
| 3.2  | 146 |
| Number of Sanctioned posts during the year |     |

| File Description | Documents                 |
|------------------|---------------------------|
| Data Template    | <a href="#">View File</a> |

| **4.Institution** |  |

|  |    |
|--|----|
| 4.1  | 22 |
| Total number of Classrooms and Seminar halls |    |

|   |        |
|---|--------|
| 4.2   | 290.95 |
| Total expenditure excluding salary during the year (INR in lakhs) |        |

|   |     |
|---|-----|
| 4.3   | 334 |
| Total number of computers on campus for academic purposes |     |

| **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 designs a timetable and activity calendar based on the university's academic calendar and adheres to it strictly. The timetable and academic calendar outline the curriculum delivery schedule and planned activities. Each department holds meetings to assign subjects to faculty members and organize departmental activities. Based on subject allocation, teachers develop detailed teaching micro-plans, with daily progress recorded in individual faculty diaries. These academic diaries are periodically reviewed by the Head of the Department and the Principal to ensure proper implementation.

In the 2023-2024 academic year, curriculum delivery was carried out through classroom teaching, guest lectures, workshops, and more. Although teaching was conducted offline, the institution emphasized using ICT tools—such as PowerPoint presentations, animations, audio-visual materials, and e-books—to enhance teaching effectiveness. Faculty members also utilized online platforms to share study materials, question banks, and practical lists. Internal evaluations for both even and odd semesters were conducted through online or offline unit tests, college midterm exams before university examinations, assignments, seminars, and projects.

Feedback collected from all stakeholders helps refine curriculum delivery. Additionally, an induction program is organized to familiarize newly admitted students with the institution's academic facilities.

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | <a href="#">View File</a> |
| 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 its academic calendar for the upcoming session to the Internal Quality Assurance Cell (IQAC), outlining planned academic and extension activities. Based on these departmental calendars and the university's academic calendar, the IQAC compiles the comprehensive college academic calendar annually. This calendar includes schedules for internal assessment

examinations, academic and extension activities, university examinations, and vacations. Departments strictly follow the academic calendar for conducting Continuous Internal Evaluation (CIE).

CIE is carried out through online or offline unit tests, college midterm examinations, assignments, seminars, projects, and other assessments. Internal marks are transparently displayed on departmental notice boards. To ensure the smooth implementation of the Internal Assessment Process, the college forms an Examination Committee to oversee and monitor all internal assessments. Students are informed in advance about assignment deadlines, presentation schedules, test dates, and evaluation criteria.

The IQAC ensures the smooth execution of departmental programs by reviewing the Action Taken Reports (ATR) based on the academic calendar. Continuous evaluation involves not only assessing student progress but also auditing faculty performance through staff academic audits. The Principal regularly reviews the Continuous Internal Assessment. The institutional academic calendar is accessible to all stakeholders via the college website and is included in the prospectus.

| File Description                     | Documents                 |
|--------------------------------------|---------------------------|
| Upload relevant supporting documents | <a href="#">View File</a> |
| 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 | <a href="#">View File</a> |
| Any additional information   | <a href="#">View File</a> |

## 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

25

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information                              | <a href="#">View File</a> |
| Minutes of relevant Academic Council/ BOS meetings      | No File Uploaded          |
| Institutional data in prescribed format (Data Template) | <a href="#">View File</a> |

### 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  | No File Uploaded          |
| Brochure or any other document relating to Add on /Certificate programs | <a href="#">View File</a> |
| List of Add on /Certificate programs (Data Template )                   | <a href="#">View File</a> |

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

1966

#### 1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

1966

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information  | <a href="#">View File</a> |
| Details of the students enrolled in Subjects related to certificate/Add-on programs | <a href="#">View File</a> |

### 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 institutions play a vital role in addressing cross-cutting societal issues. Although the institute specializes in science education, this focus has not hindered the promotion of gender sensitivity and equality, environmental sustainability, human values, and professional ethics. As colleges shape the youth of the nation, the curriculum integrates these issues through regular courses and activities. Additionally, value-added courses are designed to instill social and human values, fostering the holistic development of students.

Beyond dedicated courses, students are encouraged to select project and research topics that align with cross-cutting issues. The university's implementation of the Choice-Based Credit System (CBCS) includes Generic Open Elective Courses (GOEC), allowing students to choose subjects related to human values and soft skills. The CBCS scheme also mandates internships, providing students with practical exposure to professional ethics.

In the 2023-24 academic year, the university introduced the National Education Policy (NEP) at the postgraduate level, offering a focused approach to addressing these issues. The institute has also launched on-campus initiatives to promote environmental sustainability and organizes special programs on occasions like Environment Day, World Earth Day, Ozone Day, Wildlife Week, Environmental Health Day, and Women's Day to raise awareness among students and the local community about environmental conservation.

| 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 | <a href="#">View File</a> |

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

110

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information  | No File Uploaded          |
| Programme / Curriculum/ Syllabus of the courses   | <a href="#">View File</a> |
| 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   | <a href="#">View File</a> |
| Number of courses that include experiential learning through project work/field work/internship (Data Template) | <a href="#">View File</a> |

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

769

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

## 1.4 - Feedback System

### 1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution

C. Any 2 of the above

from the following stakeholders Students  
Teachers Employers Alumni

| File Description   | Documents                 |
|--|---------------------------|
| URL for stakeholder feedback report  | <a href="#">View File</a> |
| Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload) | <a href="#">View File</a> |
| Any additional information(Upload)   | <a href="#">View File</a> |

**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 | <a href="#">View File</a>   |
| URL for feedback report           | <a href="https://shivajiscamt.org/aqar2324/Feedback2324.pdf">https://shivajiscamt.org/aqar2324/Feedback2324.pdf</a> |

## 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 sanctioned seats during the year

**918**

| File Description                        | Documents                 |
|---|---------------------------|
| Any additional information              | <a href="#">View File</a> |
| Institutional data in prescribed format | <a href="#">View File</a> |

#### 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



430

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information                                    | <a href="#">View File</a> |
| Number of seats filled against seats reserved (Data Template) | <a href="#">View File</a> |

## 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

To identify slow and advanced learners, we look at students' past exam results and their performance in online and offline tests. Departments organize various fun and educational activities at different levels—local, university, state, and national. These activities include seminars, quizzes, project competitions, case studies, surveys, field trips, photo competitions, geological training, science exhibitions, debates, and group or individual presentations. Students also participate in poster competitions within the college and similar events hosted by other institutions, giving them wider academic exposure.

Students are encouraged to write and publish research papers in journals and are supported in preparing for national-level exams like IIT-JAM, JNU, GATE, NCL, and NET/SET. Advanced learners are guided to take NPTEL online courses to deepen their knowledge and actively participate in online academic and research activities. For slow learners, departments conduct extra coaching through remedial and bridge courses for both theory and practical subjects. Teachers also provide printed or digital lecture notes and question banks to make learning easier. Mentoring and counseling services are available to help students with their specific learning needs and challenges.

| File Description                  | Documents   |
|-----------------------------------|---|
| Link for additional Information   | <a href="https://shivajiscamt.org/aqar2324/221details.pdf">https://shivajiscamt.org/aqar2324/221details.pdf</a> |
| Upload any additional information | <a href="#">View File</a>   |

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

|                    |                    |
|--------------------|--------------------|
| Number of Students | Number of Teachers |
| 2090               | 124                |

| File Description           | Documents                 |
|----------------------------|---------------------------|
| Any additional information | <a href="#">View File</a> |

### 2.3 - Teaching- Learning Process

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

The college has implemented the Choice-Based Credit System (CBCS) this academic session, focusing on student-centered learning methods to make education more engaging. The curriculum now includes on-the-job training, internships, and fieldwork as essential components, allowing students to take an active role in their learning. These approaches aim to provide a richer and more practical educational experience.

To further meet students' educational needs and enhance hands-on learning, teachers organize activities like participative learning and problem-solving sessions. Experiential learning incorporates virtual experiments that connect to theoretical concepts, while group activities, such as creating video presentations on physics experiments, encourage teamwork. Problem-solving is a key aspect of the Physics, Chemistry, Mathematics, and Statistics curricula. Additionally, PG students are required to complete research projects in their third and fourth semesters, choosing specific problems for investigation.

For second- and third-year B.Sc. students, project assignments are part of their internal assessments. Although lockdowns limited field visits, study tours, and group discussions, the departments adapted by organizing online activities such as seminar competitions, virtual lab demonstrations, quizzes, and experiment contests using nationwide virtual laboratories to keep students engaged effectively.

| File Description                  | Documents   |
|-----------------------------------|---|
| Upload any additional information | <a href="#">View File</a>   |
| Link for additional information   | <a href="https://shivajiscamt.org/aqar2324/231details.pdf">https://shivajiscamt.org/aqar2324/231details.pdf</a> |

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

The college is equipped with 13 ICT-enabled classrooms and 6 smart classrooms, along with an active SWAYAM-NPTEL local chapter. Both students and faculty take advantage of various online MOOCs courses. In the academic year 2022-23, over 750 students and faculty members enrolled in SWAYAM-NPTEL courses. Additionally, students can conduct virtual experiments through the institute's "Virtual Lab Nodal Centre."

The college regularly informs students about ICT initiatives from the Ministry of Human Resource Development (MHRD), such as SWAYAM Prabha, the National Digital Library, E-PG Pathshala, Shodhganga, and Shodh Sindhu. Access to INFLIBNET in the library further supports students and faculty in expanding their knowledge.

Teachers at the college have also developed e-content for the assigned curriculum, which is accessible on the department pages of the college website. Starting in the academic year 2021-22, the college implemented online curriculum delivery, examinations, and assessments through its Learning Management System (LMS). Beyond regular curriculum activities, the college introduced 29 online certificate courses across various subjects, benefiting around 1000 students in the session 2023-24.

| File Description  | Documents   |
|---|---|
| Upload any additional information   | <a href="#">View File</a>   |
| Provide link for webpage describing the ICT enabled tools for effective teaching-learning process | <a href="https://shivajiscamt.org/aqar2324/232details.pdf">https://shivajiscamt.org/aqar2324/232details.pdf</a> |

**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**

124

| File Description  | Documents                 |
|---|---------------------------|
| Upload, number of students enrolled and full time teachers on roll. | <a href="#">View File</a> |
| Circulars pertaining to assigning mentors to mentees                | <a href="#">View File</a> |
| mentor/mentee ratio   | <a href="#">View File</a> |

## 2.4 - Teacher Profile and Quality

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

124

| File Description   | Documents                 |
|--|---------------------------|
| Full time teachers and sanctioned posts for year (Data Template) | <a href="#">View File</a> |
| Any additional information                                       | <a href="#">View File</a> |
| List of the faculty members authenticated by the Head of HEI     | <a href="#">View File</a> |

### 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

61

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information  | <a href="#">View File</a> |
| 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) | <a href="#">View File</a> |

### 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

1180

| File Description   | Documents                 |
|--|---------------------------|
| Any additional information   | <a href="#">View File</a> |
| List of Teachers including their PAN, designation, dept. and experience details(Data Template) | <a href="#">View File</a> |

## 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 is handled at the departmental level by the respective teachers, while the mid-term assessment is coordinated by the Internal Assessment Committee. The evaluation includes class tests, project assignments, seminars, study tours, industrial visits, visits to educational and research institutions, fieldwork, group discussions, or other innovative activities decided by the department.

First-year students are introduced to the internal assessment process during the induction program held at the beginning of each academic session. This program provides a detailed explanation of the assessment mechanism to ensure clarity.

The college communicates schedules for assignments, class tests, quizzes, project allocations, and submission deadlines through the academic calendar, which is published in the college prospectus and uploaded on the website. To ensure transparency, internal assessment marks are displayed on departmental notice boards at least three weeks before the university examinations.

| File Description                | Documents   |
|---------------------------------|---|
| Any additional information      | <a href="#">View File</a>   |
| Link for additional information | <a href="https://shivajiscamt.org/aqar2324/251details.pdf">https://shivajiscamt.org/aqar2324/251details.pdf</a> |

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

If students have concerns about their internal assessment marks, they can submit a written application detailing their grievance to the respective Head of Department. The department head reviews the issue, verifies the relevant documents, and works to resolve it. If

the student is not satisfied with the resolution, they can escalate the grievance to the Principal. The Principal reviews the student's internal assessment records and takes necessary steps to address and resolve the concern.

To maintain transparency, internal assessment marks are displayed three weeks before the university examinations, giving students sufficient time to raise and resolve any issues.

For grievances related to external examinations conducted by the university, a separate redressal mechanism is available, following the guidelines set by S.G.B. Amravati University, as detailed in the supporting documentation. This ensures all concerns, whether internal or external, are addressed promptly and effectively.

| File Description                | Documents   |
|---------------------------------|---|
| Any additional information      | <a href="#">View File</a>   |
| Link for additional information | <a href="https://shivajiscamt.org/aqar2324/252details.pdf">https://shivajiscamt.org/aqar2324/252details.pdf</a> |

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The curriculum (C.B.C.S) implemented by the university has clearly defined Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs) for all programs and courses it offers. These outcomes are closely aligned with the college's Vision and Mission, aiming to prepare students with a comprehensive set of skills and knowledge. The POs focus on developing Scientific Knowledge and Experimental Skills, Communication Skills, Critical Thinking and Problem-Solving Ability, Team Spirit, Leadership Qualities, Project Management, Digital Proficiency, Environmental and Societal Awareness, Ethics, and Human Values.

Departments are responsible for sharing the PSOs and COs, which are displayed on departmental notice boards and the college website for easy access. At the start of the academic session, the principal introduces first-year students to the POs, PSOs, and COs in an address. Additionally, guardian teachers (mentors) ensure students understand these outcomes through regular meetings and one-on-one interactions.

| File Description                                     | Documents   |
|--|---|
| Upload any additional information                    | <a href="#">View File</a>   |
| Paste link for Additional information                | <a href="https://shivajiscamt.org/aqar2324/261details.pdf">https://shivajiscamt.org/aqar2324/261details.pdf</a> |
| Upload COs for all courses (exemplars from Glossary) | <a href="#">View File</a>   |

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

The assessment of Course Outcomes (COs) is based on students' performance in the semester-end examinations conducted by the university and the internal unit test examinations conducted by the individual teachers in the classrooms. After the examination results are released, each department prepares reports analyzing program-specific and course-specific outcomes to determine the overall achievement levels of COs for each course.

Program Specific Outcomes (PSOs) are evaluated by reviewing the departmental-level achievements of COs and student performance in various activities, such as seminars, quizzes, home assignments, project work, mid-term exams, and feedback on teaching, learning, and evaluation. PSO assessment is closely linked with CO evaluation.

Program Outcomes (POs) are assessed by analyzing the achievements of COs and PSOs across all subjects. Additional parameters, such as the percentage of students eligible for degrees, the number of students in the university merit list, and student feedback, are also considered.

The results of the semester-end university examinations are reviewed in meetings of the Council of Heads, Staff Council, and the College Development Committee. Feedback from these discussions helps the Internal Quality Assurance Cell (IQAC) implement necessary actions to continuously improve the evaluation process.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for Additional information | <a href="https://shivajiscamt.org/aqar2324/262details.pdf">https://shivajiscamt.org/aqar2324/262details.pdf</a> |

**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****555**

| File Description   | Documents   |
|--|---|
| Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template) | <a href="#">View File</a>   |
| Upload any additional information  | <a href="#">View File</a>   |
| Paste link for the annual report   | <a href="https://shivajiscamt.org/aqar2324/263details.pdf">https://shivajiscamt.org/aqar2324/263details.pdf</a> |

**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/aqar2324/271details.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)****18.00**

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information  | <b>No File Uploaded</b>   |
| e-copies of the grant award letters for sponsored research projects /endowments | <a href="#">View File</a> |
| List of endowments / projects with details of grants(Data Template)             | <a href="#">View File</a> |



**3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year****3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year**

03

| File Description  | Documents   |
|---|---|
| List of research projects and funding details (Data Template) | <a href="#">View File</a>   |
| Any additional information                                    | No File Uploaded  |
| Supporting document from Funding Agency                       | <a href="#">View File</a>   |
| Paste link to funding agency website                          | <a href="https://icssr.org/sites/default/files/2024-12/Major-Projects-2023.pdf">https://icssr.org/sites/default/files/2024-12/Major-Projects-2023.pdf</a> |

**3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year****3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year**

07

| File Description   | Documents                 |
|--|---------------------------|
| Report of the event  | <a href="#">View File</a> |
| Any additional information                                     | No File Uploaded          |
| List of workshops/seminars during last 5 years (Data Template) | <a href="#">View File</a> |

**3.2 - Research Publications and Awards****3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year****3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year**

60

| File Description   | Documents                 |
|--|---------------------------|
| Any additional information   | No File Uploaded          |
| List of research papers by title, author, department, name and year of publication (Data Template) | <a href="#">View File</a> |

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

#### 3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

85

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information  | <a href="#">View File</a> |
| List books and chapters edited volumes/ books published (Data Template) | <a href="#">View File</a> |

### 3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The neighborhood community organized various extension activities to foster holistic development and social awareness among students. National initiatives like the Har Ghar Tiranga Campaign and Meri Mati Mera Desh instilled patriotism and a deeper connection to heritage. Environmental consciousness was promoted through the Ozone Day Cycle Rally, Tree Plantation Campaign, and Swachh Bharat Abhiyan, encouraging sustainable practices.

Health and wellness programs, including Yoga and Pranayama Sessions, Health Check-Up Camps, and Hand Washing Awareness Campaigns, improved physical and mental well-being while emphasizing hygiene. Skill development was prioritized with workshops on Mushroom Cultivation, Soybean Disease Management, and Solar Energy Applications, equipping students with practical knowledge for entrepreneurship and sustainability.

Scientific temper was fostered through activities like the Science Awareness Program, National Science Day Celebrations, and Space on Wheels Exhibition, which engaged students in scientific exploration.

Awareness about online safety and environmental responsibility was raised through the Cyber Security Awareness Program and Electronic Waste Drive. Community initiatives like Women Empowerment through Bachhat Gat, Blood Donation Camps, Voter Awareness Maharally encouraged social responsibility and inclusion.

Educational visits and creative events like Debate Competitions and Science Fairs inspired critical thinking and innovation. These activities enhanced civic responsibility, scientific curiosity, and practical skills, contributing to students' holistic development.

| File Description                      | Documents   |
|---------------------------------------|---|
| Paste link for additional information | <a href="https://shivajiscamt.org/aqar2324/333_report_s.pdf">https://shivajiscamt.org/aqar2324/333_report_s.pdf</a> |
| Upload any additional information     | <a href="#">View File</a>   |

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

#### 3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

01

| File Description  | Documents                 |
|---|---------------------------|
| Any additional information  | No File Uploaded          |
| Number of awards for extension activities in last 5 year(Data Template) | <a href="#">View File</a> |
| e-copy of the award letters   | <a href="#">View File</a> |

### 3.3.3 - 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

#### 3.3.3.1 - 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

42

| File Description   | Documents                 |
|--|---------------------------|
| Reports of the event organized   | <a href="#">View File</a> |
| Any additional information   | No File Uploaded          |
| Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template) | <a href="#">View File</a> |

### 3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

#### 3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

1103

| File Description   | Documents                 |
|--|---------------------------|
| Report of the event  | <a href="#">View File</a> |
| Any additional information   | No File Uploaded          |
| Number of students participating in extension activities with Govt. or NGO etc (Data Template) | <a href="#">View File</a> |

### 3.4 - Collaboration

#### 3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

28

| File Description  | Documents                 |
|---|---------------------------|
| e-copies of linkage related Document  | <a href="#">View File</a> |
| Details of linkages with institutions/industries for internship (Data Template) | <a href="#">View File</a> |
| Any additional information  | No File Uploaded          |

#### 3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

16

| File Description   | Documents                 |
|--|---------------------------|
| e-Copies of the MoUs with institution./ industry/corporate houses  | <a href="#">View File</a> |
| Any additional information   | No File Uploaded          |
| Details of functional MoUs with institutions of national, international importance, other universities etc during the year | <a href="#">View File</a> |

## 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 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:** 05 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 318 computers in all, 16 Laptops, 81 printers, 29 Licensed Softwares, 09 Interactive Boards / Smart Boards, 05 LED TVs, 41 LCDs, 17 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     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://www.shivajiscamt.org/pages/infra_it.php">https://www.shivajiscamt.org/pages/infra_it.php</a> |

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 2023-24 and has spent 16.68 lakh 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 Takraw, Gymnasium, Boxing, Swimming tank (made available from the parent society.)

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

#### 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), an 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. Our parent society provides a Judo, Yoga centre, swimming pool, and such facilities. Girls' Common Room with an attached washroom has also been established.

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://www.shivajiscamt.org/pages/physical_education.php">https://www.shivajiscamt.org/pages/physical_education.php</a> |

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

22

##### 4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

22

| File Description  | Documents   |
|---|---|
| Upload any additional information   | <a href="#">View File</a>   |
| Paste link for additional information   | <a href="https://www.shivajiscamt.org/pages/physical_education.php">https://www.shivajiscamt.org/pages/physical_education.php</a> |
| Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template) | <a href="#">View File</a>   |

#### 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)

149.48

| File Description  | Documents                 |
|---|---------------------------|
| Upload any additional information   | No File Uploaded          |
| Upload audited utilization statements   | <a href="#">View File</a> |
| Upload Details of budget allocation, excluding salary during the year (Data Template) | <a href="#">View File</a> |

## 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 has been fully automated since 2002 with the SOUL 2.0 software and updated with the LIBMAN ILMS software in 2019.

The library started printing accession registers in the session 2022-2023. UG students are issued a maximum of 03 books at a time, while 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 library's collection. 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](http://www.shivajiscamt.org)

| File Description                      | Documents   |
|---------------------------------------|---|
| Upload any additional information     | <a href="#">View File</a>   |
| Paste link for Additional Information | <a href="https://www.shivajiscamt.org/pages/library.php">https://www.shivajiscamt.org/pages/library.php</a> |

**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   | <a href="#">View File</a> |
| Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template) | <a href="#">View File</a> |

#### 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)

1.52

| File Description   | Documents                 |
|--|---------------------------|
| Any additional information   | No File Uploaded          |
| Audited statements of accounts   | <a href="#">View File</a> |
| Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template) | <a href="#">View File</a> |

#### 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

250

| File Description                                  | Documents                 |
|---|---------------------------|
| Any additional information                        | <a href="#">View File</a> |
| Details of library usage by teachers and students | <a href="#">View File</a> |

#### 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 2023-24 of NAAC the college has updated the IT infrastructure: 318 computers, 16 Laptops, 81 Printers, 17 scanners, and 41 LCD Projectors, 09 Interactive Boards / Smart Boards, 05 LCD TVs, 05 Xerox machines, 05 servers, and 25 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     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://www.shivajiscamt.org/pages/infra_it.php">https://www.shivajiscamt.org/pages/infra_it.php</a> |

#### 4.3.2 - Number of Computers

334

| File Description                  | Documents                 |
|-----------------------------------|---------------------------|
| Upload any additional information | <a href="#">View File</a> |
| Student – computer ratio          | <a href="#">View File</a> |

#### 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 | <a href="#">View File</a> |

#### 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)

149.48

| File Description  | Documents                 |
|---|---------------------------|
| Upload any additional information   | <a href="#">View File</a> |
| Audited statements of accounts.   | <a href="#">View File</a> |
| Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates) | <a href="#">View File</a> |

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.

1. 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     | <a href="#">View File</a>   |
| Paste link for additional information | <a href="https://www.shivajiscamt.org/pages/infra_maint.php">https://www.shivajiscamt.org/pages/infra_maint.php</a> |

## 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

1089

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

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

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

25

| File Description   | Documents                 |
|--|---------------------------|
| Upload any additional information  | <a href="#">View File</a> |
| Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template) | <a href="#">View File</a> |

**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   | <a href="https://www.shivajiscamt.org">https://www.shivajiscamt.org</a> |
| Any additional information  | <a href="#">View File</a>   |
| Details of capability building and skills enhancement initiatives (Data Template) | <a href="#">View File</a>   |

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

53

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

53

| File Description   | Documents                 |
|--|---------------------------|
| Any additional information   | <a href="#">View File</a> |
| Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template) | <a href="#">View File</a> |

**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 | <a href="#">View File</a> |
| Upload any additional information  | <a href="#">View File</a> |
| Details of student grievances including sexual harassment and ragging cases  | <a href="#">View File</a> |

**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**

53

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Self-attested list of students placed | <a href="#">View File</a> |
| Upload any additional information     | <a href="#">View File</a> |

**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**

343

| File Description                                   | Documents                 |
|--|---------------------------|
| Upload supporting data for student/alumni          | <a href="#">View File</a> |
| Any additional information                         | <a href="#">View File</a> |
| Details of student progression to higher education | <a href="#">View File</a> |

**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**

16

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload supporting data for the same | <a href="#">View File</a> |
| Any additional information          | <a href="#">View File</a> |

**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.**

38

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

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 conducive 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 | <a href="https://www.shivajiscamt.org/aqar2324/532details.pdf">https://www.shivajiscamt.org/aqar2324/532details.pdf</a> |
| Upload any additional information     | <a href="#">View File</a>   |

**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****312**

| File Description   | Documents                 |
|--|---------------------------|
| Report of the event  | <a href="#">View File</a> |
| Upload any additional information  | <a href="#">View File</a> |
| 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) | <a href="#">View File</a> |

**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.1,15,000/- 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, Progression 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 | Nil                       |
| Upload any additional information     | <a href="#">View File</a> |

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

D. 1 Lakhs - 3Lakhs

| File Description                  | Documents                 |
|-----------------------------------|---------------------------|
| Upload any additional information | <a href="#">View File</a> |

## 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, Skilled development programs.

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 institutional perspective plan is prepared with the quality indicators of NAAC and in consultation with the top management, College development committee (CDC), IQAC, Administrative staff, faculty and student representatives. The academic activities and the process for implementing is taken by the IQAC and college council, subject to approval of the CDC. The academic, co- curricular, extracurricular and research activities are planned and implemented by the t respective departments. The extension activities collaboration with various organizations dealing with varied issues like gender equity, environment protection have sensitized the youth and made them responsible citizens.

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Paste link for additional information | Nil                       |
| Upload any additional information     | <a href="#">View File</a> |

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). The Principal, IQAC committee, HoDs, office superintendent, and support staff look after academic and administrative leadership of the college. Statutory and non-statutory committees contribute in smooth functioning of the college. The participative governance of the institution is reflected through Student representation on various committees.

The teachers, non-teaching staff and students are members of 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 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     | <a href="#">View File</a> |

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Perspective Plan is prepared by the IQAC based on NAAC Peer Team recommendations, short term and long-term goals set for quality improvement. The plan is shared with all academic departments and support services for its effective deployment. 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 for Certificate Courses of a minimum of 30 hours. College has submitted 10 new courses proposals to the university for affiliation to start from next session.

Items like 99th ranking in having 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. 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 | <a href="#">View File</a> |
| 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. The principal is academic and administrative head of the college. The functioning of the institutional bodies is effective and efficient. The college follows the policies framed by UGC, State Government of Maharashtra.

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 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 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 | <a href="https://www.shivajiscamt.org/uploads/622_additional.pdf">https://www.shivajiscamt.org/uploads/622_additional.pdf</a> |
| Upload any additional information             | <a href="#">View File</a>   |

**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   | <a href="#">View File</a> |
| Screen shots of user interfaces   | <a href="#">View File</a> |
| Any additional information  | No File Uploaded          |
| Details of implementation of e-governance in areas of operation, Administration etc (Data Template) | <a href="#">View File</a> |

### 6.3 - Faculty Empowerment Strategies

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

College has undertaken various measures for the welfare and for the career development of its staff as per the state government, university statutes norms of our parent society has initiated several welfare measures for the 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 2023-24.

Maternity leave, Retirement pension Scheme, New Pension Scheme (after 2005); GPF, gratuity and leave encashment,

Earned Leave and Medical leave and childcare leave.

Financial support to the staff attending Seminars, Conferences, Workshops.

A research grant was also provided to the staff after making presentation of proposed research work.

grant is also provided to teachers present papers 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 parent society.

Alumina association contributes financial support to economically weaker students.

Skill Enhancement Programs. Faculty Development programs (FDPs) are organized by the college for the teaching staff.

Felicitation of Teaching and Non-Teaching staff on reaching milestones in their career .

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Paste link for additional information | Nil                       |
| Upload any additional information     | <a href="#">View File</a> |

### 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

40

| File Description  | Documents                 |
|---|---------------------------|
| Upload any additional information   | <a href="#">View File</a> |
| Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template) | <a href="#">View File</a> |

### 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

03



| 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  | <a href="#">View File</a> |
| Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template) | <a href="#">View File</a> |

#### **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**

17

| 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   | <a href="#">View File</a> |
| Details of teachers attending professional development programmes during the year (Data Template) | <a href="#">View File</a> |

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

Performance of each faculty is evaluated with the help of Performance based Appraisal System as per the guidelines of UGC and affiliating university. Performance of faculty under Teaching, Learning, Evaluation, Curricular, Extension, Professional Development and Research Contribution is assessed by the IQAC for promotion under Career Advancement Scheme. 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 AAA 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.

Parent management also design scheme evaluation of the performance of teachers and the nonteaching staff through self- performance appraisal. The Self appraisals are considered for the confirmation and promotion of employees by the management through the CDC. The performance of the non-teaching staff is evaluated by the respective heads of the departments and the principal, on their contribution towards the responsibility given to them by considering their work achievements, qualification enhancement and adaptability towards technological advances.

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Paste link for additional information | Nil                       |
| Upload any additional information     | <a href="#">View File</a> |

#### 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 the smooth function of accounting, college maintains various accounting entities.

Previous year accounts were scrutinized prior to the preparation of the financial budget for the next financial year. Every year the budget is allotted to department for the purchase of departmental requirement depending upon student strength budget is allotted.

The institute has a statutory mechanism for audit. The accounts

department takes corrective action based on the report if required. At the end of the 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 situation of the college Income and expenditure accounts to verify the excess of income over expenditure or vice versa all are examined. A report is submitted to the government audit department and ATR is also sent to the auditor for further clarification and for final approval. College maintains the proper account and records of internal and external audit.

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Paste link for additional information | Nil                       |
| Upload any additional information     | <a href="#">View File</a> |

#### 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)

1,00,000

| File Description  | Documents                 |
|---|---------------------------|
| Annual statements of accounts   | <a href="#">View File</a> |
| Any additional information  | <a href="#">View File</a> |
| Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template) | <a href="#">View File</a> |

#### 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.

The Principal, Central Purchase and Stock Verification Committee as well as the Accounts Department ensure optimum utilization of funds. Management nominee Chairperson of college purchase committee.

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 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 administration maintains a stock register of consumable and non-consumable items. 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     | <a href="#">View File</a> |

## 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

IQAC has promoted a culture for systematic record keeping targeted at improving the quality of the teaching learning process. Institutionalization of the number of quality assurance strategies was planned and executed by the college IQAC. Contribution in academic calendar, perspective-plan, admission process, teaching-learning process enhancement, measuring learning outcomes, research activities promotion, sports and cultural enhancement. College has stood 99th in NIRF ranking in 2024. College is also shortlisted for PM USHA:Component-3 Grant for College Strengthening also catalysed by STAR DBT strengthening component.

Reviewed TLE through Syllabus Planning, Lectures Notes and Syllabus Completion Reports. Analysed reports on CIE and Attainment of POs and COs.

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. The college is equipped with ICT- enabled classrooms laboratories for UG, PG, 03 ICT-enabled Seminar halls, Computer Facilities , language laboratory, a Network Resource Centre possesses ,350 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.

Workshop on NEP Executors Training Program: Syllabus and content development.

Project Funding for research projects for students

Project funding is awarded to full time students admitted to UG, PG and Research Scholars College. Guidance students promote research culture through participation in Avishkar 2024.

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Paste link for additional information | Nil                       |
| Upload any additional information     | <a href="#">View File</a> |

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 has been playing pivotal role in channelizing and systematizing the efforts and measures of the institution towards academic excellence.

As part of quality assurance strategy, the IQAC committee decided to organize a series of webinars, interactive sessions, and workshops. The IQAC also collects reports on CIE and Attainment of Programme/Course Outcomes from respective Head of Departments. Analysis of academic after declaration of results and corrective measures are suggested to faculty for improvement.

The feedback system for the Teaching-Learning & Evaluation Process involves students sharing their opinions through the College feedback committee. The feedback on teachers is taken from the students. The feedback regarding curriculum is gathered from the

stakeholders to meet the demands of local, national, regional, and international development.

**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 factsheets 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 department for the improvement and corrective measures. All the academic results teacher wise subject wise are also discussed in CDC for the improvement.

| File Description                      | Documents                 |
|---------------------------------------|---------------------------|
| Paste link for additional information | Nil                       |
| Upload any additional information     | <a href="#">View File</a> |

**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                           | <a href="#">View File</a> |
| Upload any additional information  | <a href="#">View File</a> |
| Upload details of Quality assurance initiatives of the institution (Data Template) | <a href="#">View File</a> |

## 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  | <a href="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</a> |
| 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 | <a href="https://shivajiscamt.org/aqar2324/711details.pdf">https://shivajiscamt.org/aqar2324/711details.pdf</a>   |

**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         | <a href="#">View File</a> |
| Any other relevant information | <a href="#">View File</a> |

**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.

Fifteen (15) Rainwater Harvesting Units

Two Soak Pits for groundwater recharge for non-hazardous liquid waste generated from laboratories. Hazardous Chemical Waste Management Unit to collect the hazardous chemical waste to be carried away by the firm SMS ltd., NandgaonPeth for the treatment.

| File Description  | Documents   |
|---|---|
| Relevant documents like agreements/MoUs with Government and other approved agencies | <a href="#">View File</a>   |
| Geo tagged photographs of the facilities  | <a href="https://shivajiscamt.org/aqar2324/713details.pdf">https://shivajiscamt.org/aqar2324/713details.pdf</a> |
| Any other relevant information  | <a href="#">View File</a>   |

**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 | <a href="#">View File</a> |
| Any other relevant information                    | <a href="#">View File</a> |

**7.1.5 - Green campus initiatives include**

| <b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b><br><br><b>1.Restricted entry of automobiles</b><br><b>2.Use of Bicycles/ Battery powered vehicles</b><br><b>3.Pedestrian Friendly pathways</b><br><b>4.Ban on use of Plastic</b><br><b>5.landscaping with trees and plants</b>   | <b>A. Any 4 or All of the above</b> |           |   |                           |                                      |                           |                                     |                           |                                |                         |  |
|---|-------------------------------------|-----------|---|---------------------------|--------------------------------------|---------------------------|-------------------------------------|---------------------------|--------------------------------|-------------------------|--|
| <table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>Geo tagged photos / videos of the facilities</td><td><a href="#">View File</a></td></tr> <tr> <td>Any other relevant documents</td><td><a href="#">View File</a></td></tr> </tbody> </table>   | File Description                    | Documents | Geo tagged photos / videos of the facilities                              | <a href="#">View File</a> | Any other relevant documents         | <a href="#">View File</a> |                                     |                           |                                |                         |  |
| File Description  | Documents                           |           |   |                           |                                      |                           |                                     |                           |                                |                         |  |
| Geo tagged photos / videos of the facilities  | <a href="#">View File</a>           |           |   |                           |                                      |                           |                                     |                           |                                |                         |  |
| Any other relevant documents  | <a href="#">View File</a>           |           |   |                           |                                      |                           |                                     |                           |                                |                         |  |
| <b>7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution</b>   |                                     |           |   |                           |                                      |                           |                                     |                           |                                |                         |  |
| <b>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</b>  | <b>A. Any 4 or all of the above</b> |           |   |                           |                                      |                           |                                     |                           |                                |                         |  |
| <table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>Reports on environment and energy audits submitted by the auditing agency</td><td><a href="#">View File</a></td></tr> <tr> <td>Certification by the auditing agency</td><td><a href="#">View File</a></td></tr> <tr> <td>Certificates of the awards received</td><td><a href="#">View File</a></td></tr> <tr> <td>Any other relevant information</td><td><b>No File Uploaded</b></td></tr> </tbody> </table> | File Description                    | Documents | Reports on environment and energy audits submitted by the auditing agency | <a href="#">View File</a> | Certification by the auditing agency | <a href="#">View File</a> | Certificates of the awards received | <a href="#">View File</a> | Any other relevant information | <b>No File Uploaded</b> |  |
| File Description  | Documents                           |           |   |                           |                                      |                           |                                     |                           |                                |                         |  |
| Reports on environment and energy audits submitted by the auditing agency   | <a href="#">View File</a>           |           |   |                           |                                      |                           |                                     |                           |                                |                         |  |
| Certification by the auditing agency  | <a href="#">View File</a>           |           |   |                           |                                      |                           |                                     |                           |                                |                         |  |
| Certificates of the awards received   | <a href="#">View File</a>           |           |   |                           |                                      |                           |                                     |                           |                                |                         |  |
| Any other relevant information  | <b>No File Uploaded</b>             |           |   |                           |                                      |                           |                                     |                           |                                |                         |  |
| <b>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment</b>  | <b>A. Any 4 or all of the above</b> |           |   |                           |                                      |                           |                                     |                           |                                |                         |  |

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

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

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 'Creation', 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) | <a href="#">View File</a> |
| 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

Constitution Day is celebrated annually at the college on 26th November to honor the dedication of the Supreme Constitution of India to the nation. On this occasion, students and teachers deliver speeches highlighting the importance of adhering to constitutional principles. The college conducts various activities, including awareness programs, rallies, competitions, quizzes, Swachh Bharat Abhiyans, and tree plantation drives. Blood Donation Camps organized by NSS and NCC witness active participation from students and staff, fostering a spirit of service. Regular sports activities promote human values such as discipline, courage, perseverance, teamwork, mental and physical well-being, and a competitive spirit.

Voters' Day is observed every year on 25th January, featuring Voter Awareness Programs, often in collaboration with the Collector's Office. Eligible students are encouraged to register as voters, while those already registered are motivated to participate enthusiastically in elections. To deepen understanding, students are urged to reflect on the Preamble of the Constitution. A collective reading of the Preamble is also organized for staff and students on campus, reinforcing the significance of constitutional values. These initiatives aim to instill civic responsibility, awareness, and a commitment to democratic ideals among the college community.

| File Description   | Documents                 |
|--|---------------------------|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | <a href="#">View File</a> |
| Any other relevant information   | No File Uploaded          |

**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**

**A. All of the above**

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

| File Description   | Documents                 |
|--|---------------------------|
| Code of ethics policy document   | <a href="#">View File</a> |
| 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 | <a href="#">View File</a> |
| Any other relevant information   | <a href="#">View File</a> |

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

The college celebrates National Festivals, including Independence Day, Republic Day, and Maharashtra Day, in strict adherence to government directives. Constitution Day, observed on 26th November annually, honors the dedication of the Supreme Constitution of India to the nation. National Science Day is marked with events such as quiz competitions, demonstrations, video and poster competitions, seminars, and workshops to foster a scientific temper among students.

The college also commemorates significant days such as 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, and World Biodiversity Day. The library observes 'Vachan Prerana Din' on 15th October, while Matru Bhasha Din and Marathi Bhasha Diwas are celebrated by the Department of Languages to encourage a reading culture among students.

On the birth and death anniversaries of luminaries like Mahatma Gandhi, Dr. Babasaheb Ambedkar, Swami Vivekanand, Savitribai Phule, Annabhau Sathe, Rashtrasant Tukadoji Maharaj, Gadge Baba, and Dr. Panjabrao alias Bhausaheb Deshmukh, students deliver speeches to

propagate their ideals and philosophies.

| File Description  | Documents                 |
|---|---------------------------|
| Annual report of the celebrations and commemorative events for the last (During the year) | <a href="#">View File</a> |
| Geo tagged photographs of some of the events  | <a href="#">View File</a> |
| 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.

**1: Electronic-Waste Dump and Donate Drive** The Department of Environmental Science at Shri Shivaji Science College initiated an Electronic-Waste Dump and Donate Drive to raise awareness about sustainable e-waste management. This campaign educated students and communities on the environmental and health hazards of improper e-waste disposal while promoting recycling and reusing electronics. Over 22 institutions participated, collecting 3846 kg of e-waste, all of which was sent to certified recyclers. Usable electronics were repaired and donated to underprivileged schools and NGOs, bridging the digital divide. The initiative aligns with SDGs 12 and 13, fostering sustainability and community engagement. Challenges included logistics, safe handling, and ensuring regulatory compliance.

**2: Inculcation of Scientific Temper Among School Children** Shri Shivaji Science College fosters scientific curiosity through its Science and Innovation Activity Centre (SIAC), workshops, and science exhibitions. Programs like "Vidnyan Wari" and the upcoming 52nd State-Level Children's Science Exhibition engage over 1,000 rural and semi-urban students, offering hands-on exposure to experiments and innovative projects. These efforts aim to bridge the gap between theory and practice, inspiring careers in science. Evidence of success includes increased student participation and recognition by the Government of Maharashtra. Challenges include limited resources and sustaining engagement, and digital outreach.

| File Description                             | Documents                 |
|--|---------------------------|
| Best practices in the Institutional web site | <a href="#">View File</a> |
| Any other relevant information               | No File Uploaded          |

### 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

#### Institutional Distinctiveness:

##### Continuous Ambient Air Quality Monitoring Station (CAAQMS)

The Continuous Ambient Air Quality Monitoring Station (CAAQMS) at Shri Shivaji Science College, Amravati, exemplifies its commitment to environmental sustainability. Established in collaboration with the Maharashtra Pollution Control Board (MPCB), this advanced facility continuously monitors key air pollutants like PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>2</sub>, CO, O<sub>3</sub>, and VOCs.

The station plays a pivotal role in real-time air quality assessment within the campus and nearby areas, providing data for regulatory compliance, academic research, and public awareness. It also serves as an early warning system for deteriorating air quality, facilitating prompt action and mitigation.

The Department of Environmental Science has actively contributed to air pollution monitoring in Amravati City for over eight years, earning recognition and support from the MPCB for installing the CAAQMS. This initiative aligns with the National Clean Air Programme's (NCAP) objectives to reduce pollution levels in India.

The station's real-time data supports student projects, research publications, and sustainable policy formulation. Regularly shared with the community, this data fosters environmental consciousness and encourages collective action to reduce pollution. Through CAAQMS, the college demonstrates its leadership in promoting environmental education and sustainability, benefiting both academia and society.

| File Description                             | Documents                 |
|--|---------------------------|
| Appropriate web in the Institutional website | <a href="#">View File</a> |
| Any other relevant information               | No File Uploaded          |

### 7.3.2 - Plan of action for the next academic year

**Gender Sensitization and Inclusivity:** The college will organize workshops, seminars on gender equity, and self-defense training for female students. A grievance redressal cell for gender-related issues will also be established. Efforts to ensure inclusivity include making campus infrastructure accessible for differently-abled students and providing counseling and peer support for marginalized groups.

**Environmental Sustainability:** Green campus initiatives include tree plantation drives, creating a biodiversity park, promoting solar energy, installing LED lighting, and enhancing rainwater harvesting. Waste segregation, recycling, composting units, and e-waste awareness campaigns will strengthen waste management practices. Climate change awareness will be fostered through seminars, lectures, and observance of International Day of Climate Action.

**Value-Based Education and Observances:** Dedicated sessions and guest lectures will emphasize ethics, integrity, and leadership. National days like Constitution Day and Republic Day and global observances like International Yoga Day and World Environment Day will instill democratic and environmental values.

**Community Engagement:** NSS and NCC will lead blood donation drives, health check-ups, and literacy programs. Partnerships with NGOs and government bodies will support rural schools and community development.

**Sustainability Practices:** Solar installations, eco-friendly transport options, and resource audits will promote sustainable infrastructure and foster accountability.