



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution

Yashwantrao Chavan College of
Science, Karad

- Name of the Head of the institution **Dr Kengar Suryakant Babu**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **02164271356**
- Mobile no **9850571346**
- Registered e-mail **prinyccsk@gmail.com**
- Alternate e-mail **suryakant7889@gmail.com**
- Address **Vidyanagar, Karad**
- City/Town **Karad**
- State/UT **Maharashtra**
- Pin Code **415124**

2.Institutional status

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

- Financial Status **Grants-in aid**
- Name of the Affiliating University **Shivaji University, Kolhapur**
- Name of the IQAC Coordinator **Dr Girish Gajanan Potdar**
- Phone No. **9423281026**
- Alternate phone No. **8999159722**
- Mobile **9423281026**
- IQAC e-mail address **iqacyccsk@gmail.com**
- Alternate Email address **girishpotdar@gmail.com**

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

https://www.yccskarad.com/pdf/iqac/aqar/941630804_AQAR_2020-21.pdf

4. Whether Academic Calendar prepared during the year?

Yes

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

https://www.yccskarad.com/pdf/calendar/1309600476_Academic_Calendar_2021-2022.pdf

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	82	2004	16/02/2004	15/02/2009
Cycle 2	B	2.42	2011	30/11/2011	29/11/2016
Cycle 3	B++	2.86	2017	30/10/2017	29/10/2022

6. Date of Establishment of IQAC

25/06/2004

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
0	0	0	0	0

8. Whether composition of IQAC as per latest NAAC guidelines

Yes

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

9.No. of IQAC meetings held during the year 3

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

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

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

- If yes, mention the amount

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

Organized National E Conference on Intellectual Property Rights-Basics & process IPRBP - 2021 on 04/09/2021 (IQAC & Department of Chemistry)

Organized of 57th Interzonal Sports Competitions from 15th to 17th December 2021 sponsored by Shivaji University, Kolhapur

Organized One Day Workshop on Beneficial Effects of Radiation Technology and Indian Nuclear Energy Programme sponsored by Indian Association for Radiation Protection (IARP) on 27th November 2021 (IQAC & Department of Chemistry)

Organized National and State level Webinars and seminars by Chemistry, Zoology, Physics, Botany, Geology, Electronics departments.

Conducted Seminars and Workshops under MoU by Department of English, Department of Botany and Ecoclub

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

Plan of Action	Achievements/Outcomes
To introduce the certificate course in Production of Bio fertilizer & Bio pesticides.	Introduced Certificate Course Production of Bio fertilizer & Bio pesticides by Department of Microbiology
To organize Inter zonal atheletics Sports Competition..	Successfully organized Three days 57th Interzonal Sports Competitions from 15th to 17th December 2021
To organize online webinar & workshop on various subjects.	Organized state, national and international level webinars, seminars, workshops
To organize National conference on Intellectual Property Rights	Organized National conference on Intellectual Property, Basics and Process by Department of Chemistry
To organize exhibition of National & International Fruits & Vegetable	Organized exhibition of National & International Fruits & Vegetable by Department of Botany

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

- Name of the statutory body

Name	Date of meeting(s)
College Development Committee	30/06/2022

14. Whether institutional data submitted to AISHE

Part A

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• Alternate Email address	girishpotdar@gmail.com				
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• if yes, whether it is uploaded in the Institutional website Web link:	https://www.yccskarad.com/pdf/calendar/1309600476_Academic_Calendar_2021-2022.pdf				
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0	0	0	0	0	
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College Development Committee	30/06/2022

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2021	17/01/2023

15. Multidisciplinary / interdisciplinary

The College has established a committee for implementation of NEP 2020. The college motivates all stakeholders to participate in all NEP-2020 related programmes. Being a single faculty science college, we encourage multidisciplinary approach in the academic

and co-curricular activities. We always encourage our students to participate in different activities like intercollege competitions, exhibitions, workshops, conferences etc. It encourages our students to increase their learning beyond traditional boundaries, explore several perspectives, and nurture novel skills.

16.Academic bank of credits (ABC):

As per the guidelines of UGC and the Higher Education department Shivaji University, Kolhapur has introduced Choice Based Credit System (CBCS) in 2018. All the UG and PG programmes are credit-based syllabi. National Education Policy 2020 has introduced the concept of Academic Bank of Credit. Shivaji University, Kolhapur is now in the procedure to pass a resolution related to the ABC in the Academic Council. In future, we are planning to register our students with Academic Bank of Credits (ABC) after detailed guidelines from the University. The College will formally appoint the nodal officer to create ABC account of students.

17.Skill development:

Skill development is an important part of Education. To enable the students to fit in this competition various skill-based courses, workshops and seminars have been organized by the college in past few years like Solid Waste Management, Soil Analysis, Production of Biopesticides and Biofertilizers, Industrial Equipment Training, Fruit processing, mushroom cultivation, soft skills and communication skills etc. Some of the courses like Environmental Studies; Democracy, Election and Good Governance; Physical education, etc. are mandatory for the award of degree.

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

India is a country with rich culture and heritage. Our institute is always making all possible efforts to preserve it for forthcoming generations. We are promoting our students to participate in the Youth festival which is organized by affiliating university. It provides best platform to students to show their talent and to preserve our Indian Knowledge system. Every year college organizes various cultural events through various programs like Traditional day, Navratri Festival, Ganesh Festival etc. through various committees.

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

Our college is affiliated to Shivaji University, Kolhapur and the syllabus of courses offered by the institution is in accordance with "Shivaji University, Kolhapur" guidelines. All the departments have well defined Course Outcomes and Program Outcomes . Course outcomes and Program outcomes are also displayed on the institutional website to provide information to the students. Being a science college, the science students are duly informed about the outcomes of their programs of B.Sc. and M.Sc. and of various courses included in their program.

20.Distance education/online education:

During COVID-19 pandemic period teaching-learning process was conducted through various online platforms like Google Meet, Google Classroom, Webex, Zoom, WhatsApp, Telegram, YouTube etc. Our faculty members have developed many lectures using videos and PPTs during the pandemic period. Our Institute has also conducted online examinations. We are also encouraging our students to enroll in various online courses available on Swayam, MOOC, NPTEL etc.

Extended Profile

1.Programme

1.1	283
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	1789
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	958
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File
2.3	706
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	49
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	68
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	32
Total number of Classrooms and Seminar halls	
4.2	67.45
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	171
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

Yashwantrao Chavan college of Science, Karad is affiliated to Shivaji University Kolhapur and hence, College follows all rules made by the Shivaji University and all departments are necessary to implement the syllabus approved by the Shivaji University Kolhapur. For the smooth conduct of the academic Year University prepare academic calendar and published before the commencing of the academic year and all colleges under the university area follows that academic calendar.

Time table committee prepare the time table according to the academic calendar send by the University for the smooth smooth conduct of the curriculum and co-curriculum activity such as Theory, Practicals, Projects, Internal examination, value education and life- skill education. Every teacher prepare annual and monthly teaching plan to complete their teaching with time.

The principal takes the review of the curriculum time to time, For the effective curriculum delivery ICT tools were used by the teachers.

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

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

An academic calendar is prepared by the concerned official at the beginning of each semester in line with the University's calendar consisting of various curricular, extra and co-curricular activities.

Compliance of Continuous Internal Evaluation with Academic Calendar

1. Classes and Lab time-table - Time table Coordinator of each department prepares the time table as per the guidelines of affiliating university. Time-table is displayed on notice boards of every department.
2. Academic Monitoring - Every teacher submit Monthly teaching report to the Head of the Department .

3. Internal Examinations-Dates of the internal examination is mentioned in the Academic

Calendar before the commencement of the academic calendar.

1. Question Paper Setting- The question paper of internal exams is prepared by concerned

faculties and is approved by head of the department.

1. Evaluation- The answer sheets are evaluated by the faculty member and

guide to the poor students department to ensure transparent and unbiased evaluation.

1. Assignments - In addition to the internal examination, assignments are also the part of Continuous Internal Evaluation.

2. University Exams- The tentative dates for university exams are indicated in the academic calendar. The final university exam schedule is also displayed on students' notice boards.

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

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

A. All of the above

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

1.2 - Academic Flexibility

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

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

03

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

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

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

18

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

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

1366

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

1.3 - Curriculum Enrichment

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

In order to integrates cross cutting issues such as gender equality, Moral ethics, Human values, Professional ethics and Environmental awareness institute has incorporated a variety of course in to curriculum.

The institute has celebrates Republic day, Independence Day, Teachers day, International Yoga day resulting in the holistic development of the students.

Professional ethics: Students are offered different courses on Professional ethicsto prepare them with sufficient soft skills for prospective future profession

Gender Sensitization:The gender sensitivity activities that allow students to interact with real life circumstances such as field work, community outreach and gender sensitization activities under Women grievance celland grievance redresscell.

Human values : working with NGO's organizing blood donation cams, health check up camps, hygiene and health workshops are some examples of the social development activities taken up students and faculty members.

Environmental Awareness: In second year B. Sc. Environmental Science a special subject is included by Shivaji university Kolhapur. A variety of activities such as seminar activity, tree plantation and project increase awareness about the Environment .

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

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

13

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

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

1199

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

1.4 - Feedback System

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

A. All of the above

from the following stakeholders Students Teachers Employers Alumni	
File Description	Documents
URL for stakeholder feedback report	https://yccskarad.com/feedback%2021-%2022.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File
1.4.2 - Feedback process of the Institution may be classified as follows	B. Feedback collected, analyzed and action has been taken
File Description	Documents
Upload any additional information	View File
URL for feedback report	https://yccskarad.com/feedback%2021-%2022.pdf
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment Number Number of students admitted during the year	
2.1.1.1 - Number of students admitted during the year	
621	
File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File
2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)	
2.1.2.1 - Number of actual students admitted from the reserved categories during the year	

309

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

2.2 - Catering to Student Diversity

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

All the faculty of college are identifying the slow and advanced learners by different ways such as analysis of previous year exam marks, group discussion and general test about subject knowledge.

Slow Learners: The special coaching in areas where they need support. Additional reading material and books in simple form is made available in central library and departmental library. E-links are suggested to the students to help them gain an in-depth knowledge of the subject. Personal, academic and career-related counselling is given time to time. Home assignments are given and evaluated on a regular basis.

Advanced Learners: Academic and co-curricular activities encourage the advanced learners to optimize their potential. Such students are encouraged to participate in inter college competitions, conference, and workshops organized by different college. The faculty helps the students to get relevant research projects.

The College library provides the Inflibnet facility and other e-resources to help the advanced learners to broaden their horizons. Advanced learners are encouraged to upgrade their knowledge and skills through add-on courses provided by the college along with special lectures organized by expert resource persons under lead college activity and science seminar activity. They are also motivated to secure rank and distinction in university examination.

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1WnIN12EjHKTSMkgK2QOMi3RCm2g2JrUl
Upload any additional information	View File

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

Number of Students	Number of Teachers
1789	49

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

The College makes continuous and conscious efforts to enable its students to realize their potential and evolve as leaders and transforming agents of society. Some of the methods employed by the college in this process are:

1. Fully equipped experiential / simulative labs for Bachelor and Master Studies are created to familiarize them with the actual working environment.
2. Students also do internship in different companies to gain hands-on experience and make them professionally ready.
3. The college employs an interactive approach through discussions, debates, oral group presentations to encourage greater participation and interactive learning.
4. Field trips to biodiversity parks, heritage sites, etc. are organized to promote grass root understanding of concepts.
5. Extensive use of case studies to improve the problem-solving ability of the students.
6. Use of ICT & E-resources by students is encouraged.
7. Project work is assigned in all practical subjects to encourage teamwork and participative learning.
8. Short-duration Add-on Courses like short term courses and others courses are conducted to fill the gaps in knowledge and give students a competitive edge.
9. Special lectures/seminars/conferences are organized to encourage and motivate students to become participative agents and not just passive recipients of knowledge.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://drive.google.com/drive/folders/1WnIN12EjHKTSMkqK2QOMi3RCm2g2JrUl

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

Teachers of the College try to make the best use of the technology in their teaching process. Teachers have the knowledge and skills to use new digital tools to help all students to achieve high academic standards.

1. The college has ICT enabled classrooms having desktops, laptops, projectors which helps in the e-learning process. Some teachers use and share E-books. They are handy and saves the cost of buying the physical copy of books.

2. The college has an Automated Library which enables the students to find the location of the books easily. The library provides accessibility to e-resources vide INFLIBNET to teachers and students.

3. Teachers make and use power point presentations in the classrooms. Presentations are the best way to make notes as they can be updated with the latest changes in the knowledge, presenting diagrams, charts, etc.

4. The college has well equipped computer labs. The teachers take practical classes for courses like Mathematics, Computer Science and Statistics etc.

5. Teachers share reading materials, short notes, e-books over different media like Google Classroom, E-Mail, Whats App, etc.

6. Teachers have taking online lectures on Google Meet, Zoom etc. FDPs are conducted to enable/familiarize the teachers with these online platforms.

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

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

2.3.3.1 - Number of mentors

45

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

2.4 - Teacher Profile and Quality

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

49

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

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

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

15

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

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

2.4.3.1 - Total experience of full-time teachers

351

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

2.5 - Evaluation Process and Reforms

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

Yashwantrao Chavan College of Science, Karad being a constituent college of Shivaji University, Kolhapur is bound by the University rules regarding internal assessment. It gives 20% weightage in overall assessment of the last year students.

1. Teachers ensure that the students are aware of the internal assessment evaluation Criteria.
2. Students are informed in advance that independent learning, original thinking and new ideas will be given additional points.
3. The criterion is objective and transparent devoid of any bias on the part of the teacher.
4. Assignments and tests are regularly conducted.
5. A variety of techniques and methods such as MCQs, Analytical tests, Case studies, Book Reports, Classroom presentations, individual and group projects are employed.
6. The College encourages the teachers to adopt innovative

methods such as periodic tests, and class test.

7. Remedial classes are also offered in various subjects to provide additional help.
8. Teachers also bridge the knowledge gap of the students through innovative pedagogical practices employed in tutorials.
9. Teachers are given free hand to design their own evaluation.
10. Students are also encouraged to apply the theoretical concepts taught in class to real life situations/problems through these projects, assignments etc.

File Description	Documents
Any additional information	View File
Link for additional information	https://drive.google.com/drive/folders/liuLMgsrgxAL7KIYAr4TZBG2q6KxV0wot

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

Yashwantrao Chavan College of Science, Karad is a constituent college of Shivaji University, Kolhapur and therefore it follows the guidelines set by the University for the conduct of examinations. At the end of each semester, there is a final exam which is uniformly conducted for students across all the constituent colleges of Shivaji University, Kolhapur. The final year exam for each paper has 80% weightage of overall assessment and the remaining 20% constitute internal assessment marks.

1. The Internal Assessment has become a part of a continuous evaluation system conducted through class tests, periodic tests, projects etc.
2. The evaluated papers related to internal examination consisting of class tests, periodic test, projects, etc. are returned to students with detailed remarks and suggestions for improvement.
3. The faculty addresses the rightful grievances of the students pertaining to the marks obtained in the internal assessment.
4. If any error is detected in the final mark-sheet in spite of rigorous scrutiny, it is promptly reported to the University by the College.
5. Hence the College employs a robust multi-tiered mechanism to ensure transparency and objectivity in dealing with grievances related to internal examinations.

File Description	Documents
Any additional information	View File
Link for additional information	https://drive.google.com/drive/folders/liuLMgsrgxAL7KIYAr4TZBG2q6KxV0wot

2.6 - Student Performance and Learning Outcomes

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

The Program Outcomes and Course Outcomes are adopted for all programs offered by the institution in accordance with "Shivaji University, Kolhapur" guidelines.

1. Learning outcomes form an integral part of college vision, mission and objectives.
2. The Learning Outcomes-based Curriculum Framework is intended to suit the present day needs of the student in terms of securing their path towards higher studies.
3. The learning objectives are communicated through various means such as college prospectus, Principal's address and dissemination in classroom by concerned staff.
4. Students are made aware of the course specific outcomes through classroom discussion, expert lectures and practical's.
5. Informing the stakeholders, especially the parents, persuade students towards skill oriented and value-based courses.
6. The college deputed teachers for workshops, seminars, conferences and FDPs to enrich them to attain the outcomes.
7. Teachers actively participate in workshops on revision of syllabus organized by the university. Many teachers are also the members of syllabus sub committees.
8. Successful alumni students are invited to interact with both students and teachers at specific events and meetings. They share how their individual course shaped their career thus helping existing students align better with the specified course outcomes.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://drive.google.com/drive/folders/1x_SOhCBMNf8f7saUV47Iv_e1QmCUHmfm
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Response:

The Institution regularly evaluates the performance of students through various methods for measuring the attainment of each of the Program Outcomes, Program Specific Outcomes and Course Outcomes.

Evaluation Process:

1. The process is direct evaluation process conferred on three outcomes such as Programme outcome, Programme specific outcome and Course outcome.
2. Direct evaluation process is provided through University Examinations, terminal exams, internal and home assignments, periodic tests, etc.
3. Percentage wise stages of evaluation process: Students under last year university examination are evaluated for 80% of total marks and institution for 20% marks as internal assessment.
4. Based on the performance of each student remedial coaching is also provided to slow learners.
5. Students enrolled for Add On/Certificate Courses offered by the institution are evaluated by the institution itself.

The Methods of measuring attainment:

1. Annual and End Semester University Examination.
2. Institutional Examination and Tests.
3. Internal and External Assessment.
4. Feedback Evaluation.

5. Internships.**6. Placements.****7. Higher Studies.**

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://drive.google.com/drive/folders/1ak_uuxELfajpbGmVhbVvokL9ECGY7U869

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**

706

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://drive.google.com/drive/folders/17v6C1ovwPYzFctoAv9aYGZK9dKhM_lE

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://www.yccskarad.com/pdf/examination/583867289_Student_Satisfaction_Survey_\(2021-2022\).pdf](https://www.yccskarad.com/pdf/examination/583867289_Student_Satisfaction_Survey_(2021-2022).pdf)

RESEARCH, INNOVATIONS AND EXTENSION**3.1 - Resource Mobilization for Research****3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)****3.1.1.1 - Total Grants from Government and non-governmental agencies for research**

projects / endowments in the institution during the year (INR in Lakhs)**0.10**

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

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)**3.1.2.1 - Number of teachers recognized as research guides****6**

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

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year**3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year****1**

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

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

transfer of knowledge

An ecosystem is created through application of academic resources in the libraries, spacious workspaces with modern laboratory equipment, computers, high speed internet and Wi-Fi by teachers and students. It has taken care to see that there is a green environment all around and minimum noise pollution. The plantation to ensure greenery is particularly good with a large variety of plants in the campus. Several best practices are followed by the institution. Science Seminar activity to boost the culture of science among the students and the specific Women Empowerment activities that we conduct on a regular basis. Research projects of students especially are undertaken with local issues in mind, and they are used in maintaining the eco-friendly nature of the campus, e.g. microbial treatment of the kitchen waste generated in the students mess. Entrepreneurship is encouraged through Workshops, Certificate courses and Competitions by various programmes. Students lead in creative designing, editing and contribution in the form of articles, poems in College Magazines. Organization of study tours, field visits enhance creativity and innovation. Eminent experts and scientists are invited during the organization of online/offline workshops, trainings, and webinars of diverse topics for students and teachers.

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

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

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

21

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards	
3.3.1 - Number of Ph.Ds registered per eligible teacher during the year	
3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year	
4	
File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File
3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year	
3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year	
24	
File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File
3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year	
3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year	
4	
File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

Extension activities were carried out through different offline and online programs for all stakeholders. They have made students more conscious and responsible. Students have participated in the different activities, totaling to their holistic development. Thus, various activities gradually entrenched holistic development in our students. National integration, Health and hygiene, Gender sensitization, emergencies, environmental consciousness and values are also imbibed and strengthened for redressal at societal level. Various dedicatory days, weeks and fortnights increased awareness of students towards society Sanvidhan Day, Science day, Exhibitions, Vachan Prerana Din, Navratri Festival - Jagar StriShakticha, Yoga day, Bicycle Rally, Vaccination, etc programs were organized by various Cells and associations. Blood donation camp is also organized.

File Description	Documents
Paste link for additional information	https://www.yccskarad.com/c3.php
Upload any additional information	No File Uploaded

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

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

23

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

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

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

14

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

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

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

1296

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

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

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

15

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

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

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

12

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The college has a policy for the creation and enhancement of infrastructure in order to promote a good teaching learning environment. The institute ensures adequate availability and optimal utilization of physical infrastructure in order to create an environment of excellence in education through technologically innovative educational tools. At the beginning of the academic year need assessment for replacement /up-gradation/addition of the existing infrastructure is carried out based on the suggestions from Heads of the departments and the Advisory Committee after reviewing course requirements, computer-student ratio, working condition of the existing equipment. The Time Table committee plans ahead for all requirements regarding the availability class

rooms/labs classrooms, laboratories, furniture and other equipment's. Whenever need arises to augment infrastructure in terms of classroom, laboratory books, LCD projectors etc. Regular workshops/awareness programs/training programs are conducted. The available physical infrastructure is optimally utilized beyond regular college hours to conduct co-curricular activities/extra curricular activities, parent teacher meetings, Campus Recruitment Training classes etc. It is used as an examination centre for college internal and external examinations etc. The college has upgraded IT infrastructure in view of the recent developments and change in technology to meet the teaching - learning requirements. The budget proposals are keeping for expenditure and Management takes proper care to strengthen facilities. The college create a funds for maintain the campus infrastructure, IT infrastructure and Library facilities.

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

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

The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc. The vision and mission of the college clearly states the importance of the overall Personality development of the students. The college has taken extra efforts to provide adequate facilities to sports and other extracurricular activities.

Sports: The College has an open ground and an indoor gymkhana. It has well equipped gymnasium in both the campuses. It has a volleyball court, basketball court in both the campuses. Among the indoor games, the students enjoy playing carrom, table tennis etc. The College has Auditorium in the campuses and an Open-Air Hall which are used by the students for organizing different cultural & social activities.

NCC: A separate NCC room with an area of 360 Sq.ft. 19 Maharashtra Battalion unit College has presently enrolled NCC for Girls and Boys.

NSS: A separate NSS room with well equipped. Area is 112 Sq.ft.

NSS unit organize programmes.

College allows teaching faculty to organize different programs like Music and Drama present myriad opportunities for students to prepare for various cultural activity in Lecture Hall no.1 and library reading hall.

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

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

10

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

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

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

25.92

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

4.2 - Library as a Learning Resource**4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

The college issuing MKCL'S LIBRERIA software and library is partially automated. OPAC device to students and faculty members to have access books by author, title and subject. The library has browsing centre and Xerox facility for users. Name of the ILMS software MKCL'S LIBRERIA Nature of automation (partially) Version 3.00 Year of automation in progress.

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

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

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

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

1.45340

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

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

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

75

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

IT Infrastructure • Department has computers with internet connectivity. • Full-fledged computer lab • Broadband with 60 Mb per second • The administration and account sections have internet connectivity. • Students to access e-books and video lectures on INFLIBNET and internstudents. • Up-grading of IT infrastructure is carried out every year. Steps are also taken to purchase the computers with advanced configuration. • The college plans to provide special computer lab with internet facility. N-LIST programme i.e. (National Library and Information Services for Scholarly Content) of INFLIBNET. It covers subject areas like humanities, social sciences, physical sciences, chemical sciences, biological sciences, mathematical sciences, law, history, political sciences, linguistics, literature, to mention a few.

Up gradation of IT infrastructure and associated facilities on the campus done with three ways. • To meet the requirements of courses and programs related to education IT and computers like B.C.S, B.Sc/PG Courses, etc. for their practical Demonstrations. • To provide enough IT infrastructure as to enable students and staff to access to resources on internet for latest information and innovative research. • To promote IT and computer assisted

administration as to reduce use of paper.

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

4.3.2 - Number of Computers

171

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

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

31.23

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

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

College takes necessary care and precaution towards the maintenance of its infrastructure, facilities and equipment's. Water and drainage line are regularly maintained and are cleaned in daily and collected garbage is disposed in a Systematic manner.

- Electric fittings are regularly checked and replaced by the electricians in college.
- Plumber and building super-wiser look after building maintenance and Sanitation facilities.
- Housekeeping and cleaning is made on daily basis.
- Furniture including benches, desks, cupboards and chairs are repaired and some are replaced by carpenters.
- Annual maintenance contract (AMC) to work of proper functioning. Instruments are calibrated annually through external agency and others calibrated in house by faculty using standard methods and guidance given in the manuals.
- Calibration of equipment by technical experts is carried out and whenever necessary.
- In department of a routine calibration of equipment are carried out by faculty.
- Fire Safety equipment are checked after by external Agency. sensitive instruments kept in cupboards for proper upkeep. .
- wooden or glass boxes are sensitive equipment.
- For Voltage fluctuations - stabilizers and invertors are used.

- The college has a diesel operator generator of 62W capacity
- The college has a lifted water supply scheme that fills storage well in the campus.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

852

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

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

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

141

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File
5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above
File Description	Documents
Link to Institutional website	https://www.yccskarad.com/c5.php
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File
5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
2022	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
2022	
File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File
5.1.5 - The Institution has a transparent mechanism for timely redressal of student	A. All of the above

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

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

134

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

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

5.2.2.1 - Number of outgoing student progression to higher education

270

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

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

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

37

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

5.3 - Student Participation and Activities

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

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

11

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

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

The students' council was not formed during the year 2021-2022. However, the students have participated in the different curricular and extra-curricular activities in this year. Some students participated in the composition of annual magazine Yashwant.

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

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

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

38

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

5.4 - Alumni Engagement

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

Alumni meet was not conducted during 2021-2022, however, total amount collected in the year 2021-2022 from 680 students was Rs. 1,02,000/- .

File Description	Documents
Paste link for additional information	https://www.yccskarad.com/pdf/ssr2024/c5/Alumni%20Contribution%202021-22_0002.pdf
Upload any additional information	View File

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

D. 1 Lakhs - 3Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision of the institution:

To educate students through dedicated holistic attitude to develop ethical, disciplined, sensible and determined citizen to cope with local to global challenges.

Mission of the institution:

To Perpetuate a Science culture among the rural masses of this region so that the youth develop a scientific temperament and build up a capacity for objective enquiry that can help them better their lives and help avail of the best in advanced educational facilities available locally and elsewhere in the country so as to grow up into dutiful citizens and contribute actively to the scientific growth of the nation. To create a 'Centre of excellence' through the best of material and intellectual infrastructure along with a support structure that would provide adequate facilities to lift even the poorest and most backward of students to the level desired for their and the country's progress'.

File Description	Documents
Paste link for additional information	https://www.yccskarad.com/pdf/ssr2024/c6/6.1.1_1.%20Vision%20and%20Mission.pdf
Upload any additional information	View File

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

The college adopted decentralization and participative management and believes in action. The top management gives freedom and flexibility to the Principal of the college together with College Development committee (CDC) . To maintain healthy environment at workplace, the decisions are made collectively by involving the senior staff members as well as Junior staff members to give equal freedom to exchange their ideas. This strategy of collective decision is useful, helpful and beneficial to facilitate the execution of the tasks. The students are also the members of various committees and are also involved in conduct of co-curricular/ sports activities in the campuses. The activities like NSS, NCC, Cultural activities- Yuva-Mohotsav, Publication of annual magazine etc. student participation are encouraged to offer an opportunity to students in extra-curricular activities. The faculty members are nominated as a chairperson and the members of various committees to smooth conductance of academic as well as

extra-curricular programmes.

Case study: Shivaji University Kolhapur- 57th Inter zonal Atheletic Meet (Men/Women)- 15th, 16th and 17th December, 2021 Organized by Yashwantrao Chavan College of Science, Karad. - Hon. P. D. Patil Kridanagari.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The strategic planning is done by considering vision, mission, quality -policy etc. All the factors - Management, Principal, HOD's, Faculty, Chairman/Chairperson of various committee are equally participated in-depth discussion of strategic planning and effective implementation.

The Institution successfully implemented strategic measures for improving academic performance through-

- Curriculum Development
- Teaching and Learning process
- Examination and Evaluation process:
- Research and Development:
- Library, ICT and Physical Infrastructure / Instrumentation
- Physical infrastructure / instrumentation
- Human Resource Management:
- Admission of Students

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	View File

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.

ADMINISTRATIVE SETUP:

The "Shri Shivaji Education Society's Board for Higher Education, Vidyanagar Karad" is the governing body of the Yashwantrao Chavan College of Science, Karad. It is a registered educational society that was founded in 1945 by the late Hon. Shri Yashwantrao Chavan with the primary goal of advancing high-quality education at the primary, secondary, and higher levels in all fields, including the arts, commerce, science, technology, industry, agriculture, etc., as well as by providing adequate infrastructure and cutting-edge facilities for the same. Another of its key goals was to spread this educational environment throughout the neighbourhood. So, in 1945, it opened the Shri Shivaji Vidyalaya Karad. A pure science college was desperately needed in the area in 1956. The praise for being so audacious. The late Hon. Shri Yashwantrao Chavan, together with his friend the late Hon. Shri P. D. Patil and others, made every effort to actualize this ambition, and they deserve respect for taking such a risky move. In June 1958, they founded the "Science College" after becoming enthused. Now known as Yashwantrao Chavan College of Science, Karad, this college is one of the top academic institutions in the area. Setup file is attached.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	https://www.yccskarad.com/pdf/ssr2024/c6/6.1.1.6.%20Organogram.pdf
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

B. Any 3 of the above

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

6.3 - Faculty Empowerment Strategies

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

In our college, Staff welfare is given much more importance. Existing welfare measure for teaching and non-teaching staff are mentioned below:

- Health insurance.
- Medical Leave for all staff members
- Maternity leave for Ladies' staff members.
- College play ground is also accessible for the staff.
- As Institution has a multicultural environment in the campus, the management ensures the celebration of all the festivals together
- Staff quarters are also available.
- Sanction of Duty leave to attend and present papers in National and International conferences.
- Permission to attend Faculty development programs (FDP) for faculty members.
- Canteen for snack, beverage's and tea has been established in college campus which are accessible by staff.
- Head of Departments are provided with Individual cabin and system to facilitate good ambience.
- As per Shivaji University Norms- Summer and Winter Vacations for Teaching and Non-Teaching Members.
- Automation of attendance and leave using biometric system.
- Loan Facilities- PF, Staff Society
- Group Life Insurance
- Reimbursement of Medical Bills
- Uniforms for non-teaching (supportive) staff

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

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

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

0

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

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

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

23

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

53

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

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

There are Performance-based evaluations for Teachers as - "Annual Self-Appraisal Report (ASAR)- As per 7th Pay UGC Regulation 18th July 2018 and Govt. of Maharashtra Resolution 8th March 2019.

ASAR:

General Information, B. Academic Qualifications, C. Research / Fellowship / Research Training Program, D. Experience, E. Orientation / Refresher / Short Term Course Completed. Appendix II - Table 1.1: Teaching and 1.2: Table 1.2: Involvement in the University / College students-related activities/research activities. Table 2: Academic/ Research Score.

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

6.4 - Financial Management and Resource Mobilization

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

Charitable trust is subjected to annual statutory audit under Bombay Public Trust act. Objective of the audit to give assurance to the trustee, stake holders and regulators that financial statements of the trust give true and fair view of the operation of the trust. Audit is conducted a qualified chartered accountant as per Indian auditing standard issued by Institute of chartered accountant of India, New Delhi. In case of any material deviations observed during the audit it is expressly highlightly to the trustee and also to the charity commissioner. Apart from this the trust is also subject to the audit under income tax act to ensure that trust is applying its funds only towards charitable activities. Therefore, for each financial year college has conduct internal as well as external financial audit to check for accuracy and maintain transparency in accounting processes. The internal and external audit have conducted by qualified chartered accountant.

For each financial year college has conduct internal as well as external financial audit. For this year internal audit has conducted by M/s. P. L. Kulkarni And Co. Karad, Chartered Accountant. External (statutory) audit has conducted by SSSS and Associates, Chartered Accountant, Karad.

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

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

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

0

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

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

College maintains & follows a well-planned process for the mobilization of funds and resources. The process involves various committees of the institute as well as the Department Heads and Accounts office. Institute has designed some specific rules for fund usage and resource utilization.

- Mobilization of Funds, the student Tuition fee is the major source of income for the institute.
- The management provides need-based funds.
- State Government is also one of the resources (Scholarship of students- Tuition fee).
- Shivaji University, Kolhapur also sponsors events like workshops and sports competitions.

Utilization of Funds

- The Principal, Account officer, and Purchase committee chairperson monitors the optimum utilization of funds for various recurring and non-recurring expenses

- The requirement of budget to the various departments ensures by these above-mentioned authorities.
- The purchase committee seeks quotations from vendors for the purchase of equipment, computers, books, etc.
- The quotations are scrutinized by the purchase committee before a final decision is made based on parameters like pricing, quality, terms of service, etc.
- The Principal, Account officer and purchase committees ensure that the expenditure lies within the allotted budget.

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

6.5 - Internal Quality Assurance System

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

The Internal Quality Assurance Cell (IQAC) has contributed significantly to carrying out all the activities of the institution's functioning.

The IQAC prepares, evaluates, and recommends the following: 1. Submission of Annual Quality Assurance Report (AQAR), Self-Study Reports of accreditation body- ISO and NAAC, Career Advancement Scheme (CAS)- PBAS/ASAR, stakeholder's feedback, etc.

The two examples of practices institutionalized as a result of IQAC initiatives are as follows:

1. **ISO Certifications:** As per the guidelines of ISO, the necessary steps executed by IQAC for the preparation of detailed quality manuals, identification of key performance indicators and other processes. Which results in successfully obtaining ISO 9001:2008 and ISO 9001:2015 certifications.

2. Encouraged faculty to attain - various online FDP/Workshops:

Teachers should have to update their knowledge as per the need of an hour, keeping this in mind faculty has been encouraged to attain various online FDP/Workshops which are useful to effecting online teaching.

3. Permission granted to faculty to attend conferences (Online/offline), to promote research attitude.

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

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

- The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process.
- Admission to various programs, and Detail information about the various combination of subjects of all the courses are mentioned in the prospectus. As per the interest, the student has the choice to select a combination of subjects.
- The Academic Calendar is prepared in advance.
- The information about the timetable, extracurriculars as well as sports competitions were given to the student.

The major initiatives taken for the last years include the following:

- Organization of various webinars/programs
- Organization of exhibition of Fruits/vegetables, poster competitions, online quizzes etc

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

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

B. Any 3 of the above

agencies (ISO Certification, NBA)	
File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File
INSTITUTIONAL VALUES AND BEST PRACTICES	
7.1 - Institutional Values and Social Responsibilities	
7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year	
<p>Gender Equity</p> <p>The institute has a co-education policy, offering equal opportunities for all genders in student-centered activities like extracurricular sports and academic ones. It adheres to the annual gender plan and aims to eradicate societal discrimination based on gender. The institute conducts a gender audit, ensuring equal participation for girls in extracurricular and cocurricular activities. Programs for women's empowerment are organized by various committees. Safety and Security</p> <p>Safety measures include a wall-enclosed campus with two main entrance gates, separate security guards, CCTV cameras, and a discipline committee. The institute provides facilities of a sanitary vending machine and a separate ladies room for girl students. A secure women's hostel is also available.</p> <p>Counselling Counselling is provided through a guidance batch scheme, student grievance redressal cell, the Ladies Association and gender equity committee. The institute's commitment to promoting gender equity by providing a safe and secure environment for all stakeholders.</p>	

File Description	Documents
Annual gender sensitization action plan	https://www.yccskarad.com/pdf/impdoc/783891010_4_AGAP_21-22.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://www.yccskarad.com/pdf/impdoc/1855022913_7.1.1_AOAR_Specific_facilities_provided_for_women_2021-22_(1).pdf

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

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

Degradable Waste Management:

- **Dustbins are located across the institution for solid waste collection.**
- **Biodegradable waste is composted in a large pit to produce vermicompost, benefiting the botanical garden and other green areas.**
- **Specialized bacteria are used to treat kitchen waste, reducing blockages and Odors.**
- **Electronic communication platforms like Google Classroom, email, and WhatsApp are utilized to minimize paper waste.**
- **Hazardous liquid waste from chemistry is collected and used in the garden, while microbiology follows protocols for waste treatment.**
- **Wastewater is collected in a bund within the botanical garden and reused for irrigation, promoting water efficiency.**

- Exhaust fans are employed to remove hazardous gases from the chemistry department and toilets.

Non-degradable Waste Management:

- The institute emphasizes repairing electronic instruments to reduce e-waste, collaborating with Universal Systems, Karad, for repairs.
- E-waste from various departments is collected and handed over to a scrap dealer for recycling.
- Various waste materials including plastic, metal, newspaper, and stationery are systematically gathered and delivered to Nilesh Traders, Kolhapur, for recycling.
- The garbage collection truck of Saidapur Grampanchayat manages solid and biomedical waste disposal from the women's dormitory.
- The biotechnology department organizes "Best out of Waste" activities to promote recycling efforts.

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

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or all of the above
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows:	A. Any 4 or All of the above
1. Restricted entry of automobiles	

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

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded

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

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

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information :

A. Any 4 or all of the above

Human assistance, reader, scribe, soft copies of reading material, screen reading

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

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

The institute promotes an inclusive environment, respecting diversity across various aspects, through various activities and programs. . .

Cultural

- The institute has a separate cultural committee a committee that organize various cultural events like Navratri.
- Students participate in youth festivals and various competitions .
- celebrates the Rakshabandan festival with trees.
- Celebrated Birth & Death anniversary of national & local leaders.

Linguistic

- Marathi bhasha Gaurav din, celebrated .
- Organizing a state-level essay and Shivaji University, Kolhapur-level elocution competitions on the name of Hon. Yashwantrao Chavan,
- The institute's Yashwant magazine features two linguistic sections, Marathi and English, to enhance students' language writing skills.
- Celebrates Hindi Diwas every year.
- Organizing conferences, webinars, seminars, guest lectures, and activities on the native language - Marathi and English.

Communal and socioeconomic harmonic

- By organization of awareness programs of Cultural committee, NSS and NCC unit
- Donated fruit and food grains to the boys living at Remand home, Karad
- Provides financial assistance to low-income students from the Poor Student Aid Fund (PSAF) of the institute
- Provides financial assistance to Kasturi Savekar , Dinanath singh (Wrestler).
- Blood donation camps

Regional

- A health awareness and check-up camp,
- Various awareness programs for the villages at the NSS camp

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

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

Empathy and charity are two important social values which every responsible citizen of the country must possess. Various events are organized throughout the year to sensitize students towards their responsibilities as citizens. All activities are collectively or individually conducted by various departments of the College and various committees such as NSS, NCC.

Constitutional obligation

- automatic national anthem plays every day at 11.20 a.m. except Sunday
- displayed the Constitution Preamble at various prominent places
- commemorates Constitution Day on November 26th, where we read the preamble of the Constitution and arrange a guest lecture.

- celebrated Wahan Prerana Din on the birth anniversary of Dr. A.P.J. Abdul Kalam.
- celebrates Voters Day, Independence Day, Republic Day, and Maharashtra Day.

Values, duties and responsibility of citizens :

- Promoting social responsibility through various events such as guest lectures, cleanliness campaigns, tree planting, competitions, blood donation camps, Vanmahostav, and Wild Life Week.
- Staff performs duties in the lokasabha and vidhansabha elections.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://www.yccskarad.com/pdf/impdoc/504548772_Sensitization_towards_constitutional_obligations_values_etc_2021-22.pdf
Any other relevant information	<u>NIL</u>

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

A. All of the above

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

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

1. Celebration National and International Days

To build national integrity, sacrifice and contribution of the great personalities, environmental awareness, physical and mental fitness a various days like republic day (26th January), national science day (28th February), Maharashtra day (1st May), yoga day (21st June), independence day (15th August), sport days (29th August), constitution day (26th November), are celebratedthroughout the year.

2. Celebration of birth and death anniversary

The college celebrates birth and death anniversary of great Indian personalities. The college culturalcommittee publish the list of it. These activities inspire and build morality towards nations among the studentsand staffs. All departments of college along with NCC and NSS are actively participated in a various programs. In these activities a guest lectures, essay writing competitions, etc are organized. Also college publish theYASHWANTmagazine on Birth annivarsary of Yashwantraoji Chavan.

3. Celebration of cultural days

College organize a traditional days on Makarskranti to build the awareness about the Indian culture among the students and staff.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

1) Title: Exploring Science Frontiers-Lab to Land

Objectives of the Practice:

Build students interest, awareness, lab skill and hands-on-training in applied science to provide social benefits.

The Context:

Students' knowledge is applied into real-world through various activities by implementing the knowledge gained to help society grow.

The Practice

On Field Water TDS Checking,

Soil Analysis

Energy Saving Campaign

Kisan help desk

Renewable Energy Awareness Campaign

Evidences of Success

In this academic year, the institute successfully organized various activities and campaigns.

Problem encountered resource required

Lack of awareness amongst locals

Involvement of NGOs can put a driving force in such activities.

2) Title: FFF-Flora Fauna for Future

Objectives of the Practice:

To conserve and spread awareness of Flora and Fauna for future.

The Context:

As flora and fauna are crucial components of our lifestyle and ecosystem. Hence, our responsibility is to conserve flora and fauna for future generations.

The Practice:

Tree plantation

Plant Donation

Wildlife week

Eco-friendly Rakhi and Ganesh Utsav

Recycling and Up-cycling of waste

Vermicomposting

Evidence of Success:

In this academic year, the institute successfully organized various activities, plantation drives and campaigns.

Problems Encountered and Resource Required:

Lack of awareness amongst people.

Large plantation drives and time to time surveys need manpower.

File Description	Documents
Best practices in the Institutional website	https://yccskarad.com/pdf/practics/6090886_96_Best_Practices.pdf
Any other relevant information	https://www.yccskarad.com/pdf/impdoc/1911186833_Best_Practices_Evidences_2021-22.pdf

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

- Yashwantrao Chavan College of Science, Karad, is ISO certified sixty-five-year-old premier institution in education.
- Institute located in a rural hinterland,
- the campus area forty acres with green and spacious
- Institute has spacious classrooms and well-equipped laboratories.
- The institute offers twelve principle subjects, including a unique 'Pollution' subject and a specialized Bachelor in Computer Science-Entire program.
- Institute postgraduate programs include M.Sc. and Ph.D.
- The institute offers short-term certificate courses,
- Institute has a large playground, hostels, central library, computer laboratory, and botanical garden.
- The institute has highly qualified teaching staff
- Institute offers various co-curricular and extracurricular activities to develop students' moral values, scientific temper, and skills.

Institutional Distinctive Features

Yashwantrao Chavan, our founder, took the lead in bringing about the social and political changes that India required in the 20th century. He is a great freedom fighter. Thus, Institute renamed Yashwantrao Chavan College of Science, Karad after his sad demise. In his honor, the institute also holds number of events, including essay and elocution contests. The institute published a 'Yashwant' magazine every year in his honor.

The institutional major distinctiveness are,

- Grass Surveys, Novelties and New Records

- Y. B. Chavan Competitive Examination Guidance Centre
- Fitness Zindabaad Club
- Sports
- Science Seminar

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

1. To organize Conferences, webinar, Seminars and Workshops
2. To organize state and Shivaji University Level competitions
3. To start new post graduate courses
4. To organize campus placement drives.
5. To organize Science Exhibition
6. Fulfilment of regular staff