Yearly Status Report - 2019-2020

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 Bapu**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02164271357**
Mobile no.	**9850571346**
Registered Email	**prinyccsk@gmail.com**
Alternate Email	**suryakant7889@gmail.com**
Address	**Vidyanagar, Karad**
City/Town	**Karad**
State/UT	**Maharashtra**
Pincode	**415124**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**state**
Name of the IQAC co-ordinator/Director	**Relekar Brahmanand Prabhakar**
Phone no/Alternate Phone no.	**+919175776264**
Mobile no.	**9423816763**
Registered Email	**bprelekar@gmail.com**
Alternate Email	**iqacyccsk@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.yccskarad.com/AQAR-2018-19.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.yccskarad.com/AcademicCalender2019-20.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B++**	**82**	**2004**	**16-Feb-2004**	**15-Feb-2009**
2	**B**	**2.42**	**2011**	**30-Nov-2011**	**29-Nov-2016**
3	**B++**	**2.86**	**2017**	**30-Oct-2017**	**29-Oct-2022**

6. Date of Establishment of IQAC

25-Jun-2004

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Science Seminar Deapartment of Microbiology	07-Feb-2020 1	50
Baik rally to make awareness among the society about Forest Fire	06-Feb-2020 1	56
One day National Workshop on Intellectual Property Rights organised by Microbiology Department	27-Dec-2019 1	27
One day Workshop on Revised (CBCS) syllabus of B.Sc. Part-II Geology	26-Sep-2019 1	16
One day Workshop on Revised (CBCS) syllabus of B.Sc. Part-II Biotechnology (Opt./Voc)	23-Aug-2019 1	12
One day Workshop on Revised syllabus of CS (Entire) B.Sc. Part-II	23-Aug-2019 1	29
One day Workshop on Revised syllabus of CS (Optinal) B.Sc. Part-II	23-Aug-2019 1	49
One day Workshop on Revised syllabus of B.Sc. Part-II Electronics	21-Aug-2019 1	73
One day Workshop on Revised syllabus of B.Sc. Part-II Physics	21-Aug-2019 1	101
Faculty Development Programme on Cyber Security	02-Jul-2019 7	47
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Botany	Extra Mural Research (EMR)	SERB DST	2017 1095	2056855
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File

10. Number of IQAC meetings held during the year :	3
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

1. Faculty Development Programme on Cyber Security organized by Faculty Development Centre in Cyber Security and Data Sciences, Shivaji University, Kolhapur hosted by Yashwantrao Chavan College of Science, Karad under PMMMNMTT of MHRD during 2nd July 2019 to 8th July 2019.

2. Organization Workshop of Revised CBCS Syllabus by departments viz. Zoology, Physics, Electronics, Computer Science and Geology.

3. One day National Conference was organized on Advances in Chemical Sciences by Department of Chemistry on 8th January 2020.

4. Yashwantrao Chavan State level Essay Competition, Shivaji University, Kolhapur level Elocution Competition was organized on 5th February 2020.

5. Organization of Guest lectures under Science seminar activity was organized by different departments viz. Zoology, Chemistry, Botany, Physics, Statistics, Microbiology, Electronics, Mathematics, Computer Science, Geology.

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

Plan of Action	Achivements/Outcomes
Organization of Faculty Development Programs	One Week Faculty Development Program on Cyber Security funded by MHRD was organized
Organization of Workshops on Revised Syllabus	Workshops on Revised syllabus were organized by Zoology, Physics, Electronics, Biotechnology, Computer Science, BCS, Microbiology and Geology
Organization of conferences	One day National conference on " Advances in Chemical Sciences" organised by Chemistry Department.

Organization of Workshops on IPR	One Day National Workshop on Intellectual Property Rights organized by Department of Microbiology
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
College Development Committee	16-Mar-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**No**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2018**
Date of Submission	**30-Jun-2018**
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**The Institute has appropriate management information system in operation 1) Admission: Admission for all of UG as per guidelines of Shivaji University, Kolhapur and PG admission is carried out as per the entrance examination conducted by Shivaji University, Kolhapur. 2) Administration: The attendance of all employees is maintained through biometric method. 3) Finance and Accounts: Maintenance of college accounts, income and expenditure details are carried out through Tally 9.0 software and Employees salary, Provident Fund through online Sevarth Application**

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Response: Yashwantrao Chavan College of Science, Karad is worked under the

rules and regulations of Shivaji University, Kolhapur. We have well designed process for discussion in the middle of stakeholders and well planed curriculum with respect to the goals. Committees for Implementation: Various committees were made for the smooth conduct of the curriculum. The time table committee and workload committees supplies strategy for the smooth conduction of the college Teaching, learning and evaluation: Effective and transparent admission process runs under the guidelines provided by Maharashtra Government. To make teaching learning procedure more effective college has organizes examinations time to time. In order to increase the effectiveness of teaching teacher use teaching aids, class assessment internal assessment and reference materials. College Infrastructure: The college has well planned computerized digital library with reading room. We have provides amenities required for the laboratory according to their design of the syllabus. Infra structure of the college has upgraded time to time according to their curriculum and requirement. Monitoring and Mentoring Processes: In order to improve quality and continuous involvement of the students in curriculum we have well planned internal assessment like unit test. Continuous improvement of the college with respect to the infra structure, teaching and administrative matters based on the responses given by the students

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
No Data Entered/Not Applicable !!!					

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	II	18/06/2019
BSc	III	22/06/2020
MSc	II	11/06/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	Nil	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
No Data Entered/Not Applicable !!!		
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field

		Projects / Internships
No Data Entered/Not Applicable !!!		
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
For the continual progress of teaching and learning affected by the responses given by the students. Feedback helps us to find out weakness and try to overcome this weakness. Feedback is collected through Google forms and rating, course evaluation and discussion forum. Responses given by the students helps teacher to improve quality and teaching methods. A decent feedback system can support institution in Understanding information and collecting for faculty development. Based on accumulated data, academic leaders can use time trend analysis to check the progress and can arrange some faculty development progress (FDP) to enhance and skill and upgrade with new technology and trends.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MSc	II	68	66	66
MSc	I	88	94	94
BSc	Computer Science III	80	47	47
BSc	Computer Science II	80	86	86
BSc	Computer Science I	80	86	86
BSc	III	720	547	547
BSc	II	720	482	482
BSc	I	840	546	546
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution	Number of students enrolled in the institution	Number of fulltime teachers available in the	Number of fulltime teachers available in the	Number of teachers teaching both UG

	(UG)	(PG)	institution teaching only UG courses	institution teaching only PG courses	and PG courses
2019	1794	160	67	8	67

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
67	67	123	10	Nill	16

View File of ICT Tools and resources

View File of E-resources and techniques used

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Yes, Yes, The institute is running a Guidance batch scheme for mentoring the students. A group of 20 to 40 students is provided to the mentor or Guidance batch teacher. At the beginning of the academic year, the mentor conducts orientation programme for the mentees so that they get acquainted with the environment in the institution. The mentor keep record of mentees attendance in the college, their family background, academic record, academic progress, socio-economic status as well as hobbies, sports and other skills of the mentee. The mentor provides counselling to the mentee also help them to overcome emotional and behavioural difficulties. Principal of the institute addresses freshly admitted students and give information about the institution, its mission and goal, various courses conducted in the institution and their relevance in various carrier opportunities. Head of each department also give information about their departments, laboratory facilities and research facilities. The outcome of mentoring system of our institute is helpful for the students to get acquainted, to mingle and to adjust with the institute's environment and focus on their goal to achieve academic, co-curricular and extra curricular progress.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1954	67	1:29

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
67	15	52	52	16

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last	Date of declaration of

			semester-end/ year-end examination	results of semester-end/ year- end examination
BSc	2325	VI/2020	03/05/2020	10/11/2020
BSc	2324	VI/2020	03/05/2020	18/11/2020
MSc	205	IV/2020	14/05/2020	12/11/2020
[View File](#)				

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Continuous internal evaluation of the students keep them updated and it improves their attendance in the college, as well as it improves their academic performance. Traditional evaluating system works as per university schedule, along with it additional evaluating methods are adopted by the institute for UG as well as PG students. These methods include class room tests, surprise tests, topic wise tests, Quiz competition in the class room, group discussion. For final year students of UG and PG seminars are conducted, students select the topic of their choice and take seminar, also project work presentation and viva based on project is conducted.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Academic calendar gives schedule of working of entire year, based on it teachers can plan their work of that year and can work out the plan systematically. At the beginning of the academic year committee is constituted for preparation of academic calendar. Academic calendar includes schedule of month wise teaching days. It also includes schedule of examinations: periodic tests, terminal examination, annual preliminary practical examination, University internal evaluation examination for final year UG students. Throughout the year teaching work and conduct of examination is done adhering to the academic calendar. Minor changes are done in some unavoidable circumstances. The academic calendar includes yearly schedule of college level, state level and national holidays.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://www.yccskarad.com/Program-Outcomes-Program-Specific-Outcomes-and-Course-Outcomes.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
2325	BSc	Computer Science	47	47	100
2324	BSc	B.Sc.	547	547	100
205	MSc	Analytical Chemistry	19	19	100
205	MSc	Microbiology	47	47	100
[View File](#)					

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

 https://www.yccskarad.com/SSS-2019-20.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	SERB DST	2056855	200000

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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
ONE DAY NATIONAL WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS	Microbiology	27/12/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
No Data Entered/Not Applicable !!!		

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
No Data Entered/Not Applicable !!!	

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Microbiology	1	0
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Electronics	1
Botany	2

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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Biocontrol of Biofilm Produced by Pseudomonas aeruginosa Using Extremely Halophilic Marine Bacteria Isolated from Malvan Region	Mamata P Abhyankar, Tanaji B Sawant, Arif A Mulani, Geetanjali S Patil, Suryakant S Wadkar and Avinash A Raut	EC Micro biology	2019	0	Department of Microbiology, Yashwantrao Chavan College of Science Karad, Vidyanagar, Karad, Maharashtra, India	Nill

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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	1	24	1	3
Presented papers	5	2	Nill	Nill
Resource persons	3	Nill	Nill	Nill

[View File](#)

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
NSS Social Service Camp organised at Banawadi, Karad organised during 18th to 24th January 2020	NSS	6	100
Blood Donation Camp	NSS	6	35
One crore Tree Plantation Programme of Maharashtra Government	NSS	6	200
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			
No file uploaded.			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swachh Bharat Abhiyan	NSS	Botanical Garden and Playground	6	200
Swachh Bharat Abhiyan	NSS	Campus Cleaning Activity	6	200
Swachh Wari, Nirmal Wari and Harit Wari	NSS	Dehu-Alandi to Pandharpur Ashadi Yatra`	1	10
Gender issue	Ladies Association Committee, Yashwantrao Chavan College of Science, Karad	Guest Lecture of Ms. Vijaya Marotkar, Nagpur on the topic Pori Jara Japun	2	307
Blood donation	NCC Unit, Yashwantrao Chavan College of Science, Karad	NCC Social Welfare)	2	54

International Yoga Day Celebration	NCC Unit, Yashwantrao Chavan College of Science, Karad	NCC (Health awareness)	3	54
College Campus Cleaning	NCC Unit, Yashwantrao Chavan College of Science, Karad	Swachh Bharat	2	54
Flag Hoisting 15 August 2019	NCC Unit, Yashwantrao Chavan College of Science, Karad	National Integration	17	54
Flag Hoisting 26 January 2020	NCC Unit, Yashwantrao Chavan College of Science, Karad	National Integration	17	54
Krishna River Cleaning	Karad Municipal Corporation and NCC Unit, Yashwantrao Chavan College of Science, Karad	Social Welfare and awareness	3	54

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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Study Tour	Visit to Research Centre	VASANTDADA SUGAR INSTITUTE Manjari Budruk, Tal.: Haveli, Dist.: Pune Maharashtra	07/02/2020	07/02/2020	55

Study Tour	Visit to Sugar Industry	Sahyadri Sahakari Sakhar Karkhana Ltd. (Shirwade Railway Station), Yashvantnagar, Taluka. Karad, District.Satara.	26/02/2020	26/02/2020	156
Study Tour	Visit to Research Centre to Sugar Industy	ICAR-National Research Centre for Grapes P.B. No. 3, P.O. Manjari Farm, Solapur Road Pune – 412307,Maharashtra, India	07/02/2020	07/02/2020	55
Study Tour	Educational Visit to Institute	Bharatiya Sanskriti Darshan Trusts AYURVED MAHA VIDYALAYA Vishwashanti Dham, Kesnand Road, Wagholi, Pune - 412207	25/01/2020	25/01/2020	79
Study Tour	Industrial Visit	Digitech Elevator, Vidyanagar, Karad, Dist. Satara	04/03/2020	04/03/2020	24
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
13185657	13185657

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing

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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
e-Granthalaya	Partially	3.00	2019

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	15754	538474	514	31817	16268	570291
Reference Books	23914	3143141	217	213840	24131	3356981
e-Books	3135000	5900	3135000	5900	6270000	11800
Journals	39	72560	41	83744	80	156304
e-Journals	6000	5900	6000	5900	12000	11800
CD & Video	92	42675	Nill	Nill	92	42675
Others(specify)	2	1200	Nill	Nill	2	1200

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	82	3	2	3	3	1	2	10	0
Added	0	0	0	0	0	0	0	0	0
Total	82	3	2	3	3	1	2	10	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

<div align="center">

30 MBPS/ GBPS

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4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
No Data Entered/Not Applicable !!!	

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
8141000	8146839	13185657	13185657

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The College has the necessary number of class rooms, laboratories and other infrastructural resources and keeps record of all kinds of curricular and cocurricular changes and up gradation in various academic aspects. It allocates financial resources to strengthen the activities and their continuity. College has technical support staff for maintenance and upkeep of facilities like furniture, computers and certain types of equipments. Services for maintenance of building, certain equipments, ground, campus, etc are outsourced. The details of the budgetary and actual expenses done towards maintenance of building, furniture, equipments, computers and other electronic equipments, lab equipments, etc. The college takes necessary care and precaution towards the maintenance of its infrastructure, facilities and equipments. Water and drainage line are regularly maintained. The campus is cleaned daily and collected garbage is disposed in a systematic manner. Electric fittings are regularly checked and replaced whenever necessary by the electricians in the college. They are always on their rounds to check electric fittings and promptly attend to all staff whenever there is a need for their services. Plumber and building supervisor look after building maintenance and sanitation facilities. Housekeeping and cleaning is made on daily basis. Furniture including benches, desks, tables, cupboards and chairs are repaired and some are replaced by carpenters. Annual maintenance contract (AMC) is there for proper functioning of computers, printers and servers. Most sensitive instruments are replace in cupboards for proper upkeep and taken out whenever required and replace in the cupboards after use. Special wooden or glass boxes

are constructed for large sensitive equipments. For Voltage fluctuations -stabilizers and investors are used. The college has a diesel operated generator of capacity 63.5KVA. The College has a lifted water from Krishna river that fills storage well in the campus. This water is pumped into overhead tanks to provide continues water supply to fulfill the need. We have a sufficient capacity of water tanks.

https://www.yccskarad.com/Procedures-and-Policies.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Poor students fund	2	31240
Financial Support from Other Sources			
a) National	Bhosale Charitable Trust 56 students (Rs.63000/-) Government Scholarship 1281 students(2200625/-)	1337	2263625
b)International	Nill	Nill	Nill
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
No file uploaded.			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
No Data Entered/Not Applicable !!!					
No file uploaded.					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
No Data Entered/Not Applicable !!!		

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
I-Pro Tech Kolhapur and Future Generalli	420	28	Cognizant, Sirum, Tata Motors, etc.	Nill	53
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	11	BSc	Biotechnology	Shivaji University or Affiliated College and other instituitions	MSc/ MBA
2020	75	BSc	Chemistry	Shivaji University or Affiliated College and other instituitions	MSc/ MBA
2020	8	BSc	Compurter Science	Shivaji University or Affiliated College and other instituitions	MSc/ MBA
2020	20	BSc	Compurter Science Entire	Shivaji University or Affiliated College and other instituitions	MSc/ MBA
2020	12	BSc	Geology	Shivaji University or Affiliated College and other instituitions	MSc/ MBA
2020	1	BSc	Mathematics	Shivaji University	MSc/ MBA

2020	21	BSc	Microbiology	Shivaji University or Affiliated College and other instit uitions	MSc/ MBA
2020	8	BSc	Zoology	Shivaji University or Affiliated College and other instit uitions	MSc/ MBA
2020	4	BSc	Physics	Shivaji University or Affiliated College and other instit uitions	MSc/ MBA
2020	5	BSc	Pollution	Shivaji University or Affiliated College and other instit uitions	MSc/ MBA

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
No Data Entered/Not Applicable !!!	
No file uploaded.	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Cricket	Satara Zonal	16
One Day workshop on Youth and Skill Development	Institution	102
No file uploaded.		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
No file uploaded.						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

No Data Entered/Not Applicable !!!

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

211

5.4.3 – Alumni contribution during the year (in Rupees) :

31650

5.4.4 – Meetings/activities organized by Alumni Association :

The 16th Alumni Meet was organized on 09 February 2020. The chief guest for the meet was Hon. Vaibhav Rajeghatage, an alumnus of the college from the department of Electronics and now serving as a Deputy Director, Finance Division, Maharashtra State. The meet was chaired by Hon. Altafhusen Mulla Saheb. The whole day programme began with registration and lead to the main programme. After welcoming the dignitaries, the chief guest and the president of the programme addressed the audience. After the lunch break, the cultural programme was organized in the hall in which alumni as well as the students from the college participated and gave their performances.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Decentralization: The college maintain the culture of participative management and decentralization. This helps to encourage the faculty participate in various statutory bodies viz., Board of Studies (BoS), various committees of Universities and regularly interact to frame suitable policies of university to implement in the college as a team for development of college in all ways. 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 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 providing them administrative To ensure decentralized governance system, following strategy is adapted- 1. Principal : He is appointed by top management and he is the exofficio secretary

of Governing body. He has an important role in governing the system. Principal forms various committees with chairpersons and some members. They are to carry various duties and activities. Principal finalises and supervise the various activities and events in the college. 2. CDC is the decision making body of the college. 3. IQAC: Important role in planning and executing activities assuring and enhancing the quality. 4. Head of Departments: They are responsible for smooth conduct of theory and practical's. He distribute properly the work and assigns responsibilities of various activities of the department. He utilizes grant allotted and also demands for more when needed. 5. Faculty: HoD and Faculty members of all departments are the chairpersons as well as members of Curricular, co-curricular and extra-curricular activities. They perform their duties accordingly. 6. Student : Students are involved in various decisions as they are members of important committees. 7. Non- Teaching staff: Suggestion from non-teaching staff are discussed in departmental meetings and necessary actions, if required, are taken. 8. Office: Office is responsible for overall administration and accounts

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	Admissions of Students are as per the Government/University norms.
Industry Interaction / Collaboration	1. Yashwantrao Chavan College of Science, Karad (Department of Microbiology) and Radial Micro-Biotech Services, 108, opp. Cottage Hospital, Karad- 415110 (MS). 2. Yashwantrao Chavan College of Science, Karad (Department of Computer Science) and Dr. Ashok Gujar Technical Institute's Dr. Daulatrao Aher College of Engeering, Karad.
Curriculum Development	Curriculum Development College provides more programme options- wide choice subjects for students. • Organization of workshop on revised syllabus • Use of ICT in teaching and learning • Certificate courses of college and University. • College teachers represent themselves on BoS for curriculum planning, designing and up-grading giving prime importance to design job-oriented courses-as per the need of an hour • Consultation with academicians to enrich the curricula being taught.
Teaching and Learning	Institution adopts student-centric teaching and learning quality improvement strategies. Innovative teaching methodology is encouraged. These strategies are based on collection and analyses of the feedback

	of students regarding the quality of teaching learning process. Learning is made more interactive by effective implementation of strategies. For that institution takes efforts as follows: 1. Planning, operation and monitoring • Preparation of Academic Calendar • Preparation of Timetable • Preparation of Annual Teaching plans • Submission of MTR (Monthly Teaching Report) by faculty • Periodic tests/assignments • Organization of Study tours • Visits to research institutes/centre's • Industrial visits • Allotment of Projects to the students • Use of ICT tools 2. Identification and focussing on slow learners: • Remedial coaching 3. Identification and focussing on advanced learners • Felicitation of the students • Encouragement of the students • Special guidance to the students 4. Encouragement to student to participate in various inter college/university competition (Poster presentation, Research paper presentation etc.) 5. Science seminar and Motivation lectures 6. Organization of Guest lectures/workshops on various advanced topic as well as on entrepreneurship 7. Faculty development through- • Deputation of faculty for refresher/orientation courses • Organization of workshops, seminars, conferences etc. 8. Library enrichment by addition of recent Journals and Books 9. Introduction of need based courses
Examination and Evaluation	• Class test • Home assignment • The above mentioned examinations are evaluated by faculty and then special counselling is provide to academically poor students. • Student seminars are conducted in class room for encouragement (stage daring, explanation capacity and overall personality development)
Research and Development	Research and Development: College has 03 post-graduate programs (Microbiology, Botany and Chemistry) and three University approved research Laboratories (Botany, Microbiology and Zoology) for M. Phil and Ph. D. degree. There are total 06 research guides and 17 research students are working for Ph.D. under their supervision. 01 student has submitted thesis for Ph.D. degree. The college has a Research

	Committee to generate awareness amongst the faculty/researchers and facilitate submission of research proposals to different funding agencies. The Principal Investigators are provided with full autonomy and timely release of resources by the college. For researchers, the college arranges illustrative lectures of outside experts to explain how to write and publish research papers. To identify the budding researcher's college motivates the students to participate in competitions like 'Avishkar' organised by the University. Qualified teachers are also motivated to become research guides. Journals and recent reference books are made available in the college library to promote research environment. The researchers are felicitated for their achievements.
Library, ICT and Physical Infrastructure / Instrumentation	Making provisions for latest Journals and Books of recent edition in the library Scientific Journals: 22, Magazine : 19, Total: 41 Reference Books: 23651, Additions: 263, Total: 23,914 e-book : 1(N-List) 3135000e-books, e-Journals: 1(N-List) 6000e-Journals CD/DVD: 92 Library: For enrichment of Library, funds are made available to purchase research journals, magazines, reference book, e-journals and database. The library is equipped with computers, printers and internet connections to provide update knowledge to the students as well as faculty. Each department has its own library with reference books and research journals. ICT: Laptops has been provided to each Department. LCD projectors are used by faculty for effective teaching and learning. Thereby the staff and students can update information on various recent issues. Physical infrastructure / instrumentation To each department, budget has been made available for the purchase of new equipment's as per the need of University practical syllabus as well as research. Academic Audit facilitates in refining the academic, administrative and other processes related to academic improvement, laboratory facilities, addition in infrastructure, addition of books and journals in the library and improvement in office services to stakeholders.

Human Resource Management	Human Resource Management: Human Resources with expected qualities and high potential are a base of quality enhancement of the institution. College overcome the crisis of human resources by efficient management of available human resource. In the beginning of every academic year, the total workload of the faculty members is calculated and as per the University / Government norms, faculty members are appointed on clock hour basis. Besides it, Superannuation Age Limit of some teachers is increased. Management appoints the faculty and staff through advertisements in leading newspapers which allows free choice for highly qualified and experienced candidates. Care is taken that the employees are allotted workload according to University and Government norms. College practices decentralized administration and division of labour through different committees to reduce the burden on employees. As per the University and Government norms Leadership allows the employees to enjoy various leaves, promotions and placements as and when they are due.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Planning and Development	Academic Calendar College Committees Academic, Administrative, Extracurricular activities, HoD meetings with Management, student centric activities, CDC meetings New implementation of any plan –discussion of Principal with HoD
Administration	Notices of admission, examinations, scholarships Displayed on notice board, circular in classrooms
Finance and Accounts	• Online receipt of Admission fee. • Salaries of Teaching and Non-teaching staff directly transferred to their bank account. Payments of various work order are paid through bank checks. • Govt. norms and procedures are strictly followed during purchase of any required material including equipment.
Student Admission and Support	• Detail information about the college i.e. infrastructure, degree offered, subjects taught, various courses offered (grantable as well as non-grant, self- finance), facilities provided in boys and ladies hostel etc.

	mentioned in the prospectus. • Details about the eligibility norms are included in the prospectus. • Prospectus along with admission form is offered to students. • Members of admission committee guide to students and parents as per their interest. • After conduction of entrance examinations at university level, admissions for PG courses in Microbiology and Chemistry are allotted by Shivaji university, Kolhapur. • Regarding reservations, Govt. rules are strictly followed.
Examination	Internal Examinations : • Periodic tests – For Each subject in each term – two periodic tests. • Preliminary practical Examination is held at the end of second term. • The above mentioned examinations are evaluated by faculty and then special counselling is provide to academically poor students. University Examinations: • At the end of each semester dates of Theory examinations are declared by University but the examinations are held at college. • At the end of each year Dates of Practical Examinations are declared by University but the examinations are held at college under the supervision of external examiner. • Invigilation duties are allotted to faculty all are briefed about the conduct of exam. • University guidelines are strictly followed while conducting the examinations.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)

2019	Faculty Development Programme on Cyber Security	Nill	02/07/2019	08/07/2020	47	Nill
2019	One day Workshop on " Revised syllabus of B.Sc. Part-II Electronics "	Nill	21/08/2019	21/08/2019	73	Nill
2019	One day Workshop on " Revised syllabus of CS (Entire) B.Sc. Part-II "	Nill	23/08/2019	23/08/2019	29	Nill
2019	One day National Workshop on " Intellectual Property Rights"	Nill	27/12/2019	27/12/2019	19	Nill
2019	One day National conference on " Advances in Chemical Sciences"	Nill	01/08/2020	01/08/2020	10	Nill
2019	One day Workshop on " Revised syllabus of B.Sc. Part-II Zoology "	Nill	21/08/2019	21/08/2019	89	Nill
2019	One day Workshop on " Revised syllabus of B.Sc. Part-II Physics "	Nill	21/08/2019	21/08/2019	101	Nill

Nill	One day Workshop on " Revised (CBCS) syllabus of B.Sc. Part-II Biotechnology (Opt./Voc) "	Nill	23/08/2019	23/08/2019	12	Nill
Nill	One day Workshop on " Revised (CBCS) syllabus of B.Sc. Part-II Geology "	Nill	26/09/2019	26/09/2019	16	Nill

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
No Data Entered/Not Applicable !!!			

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• Loan Facilities– PF Staff Society • Group Life Insurance • Reimbursement of Medical Bills	• Lone Facilities – Staff cooperative society PF • Uniforms for supportive staff. • Admission and fee Concession • Group life insurance	• Group Insurance • Poor students welfare fund • Guest lectures for career guidance • Placement cell • Financial assistance from Teacher's Fund and for sport's achievers and fee • Waiving for economically weaker students in hostels, poor students aid fund.

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

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.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
No Data Entered/Not Applicable !!!		
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6.4.3 – Total corpus fund generated

201000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nill	No	Nill
Administrative	No	Nill	No	Nill

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

• Formal or informal interactions between -parents and Principal as well as between parents and Teachers are the feedback for improvement. • Parent-Teacher Meet. • Discussion helps to overcome difficulties of students at personal level.

6.5.3 – Development programmes for support staff (at least three)

NIL

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Financial assistance is provided to needy and meritorious students in the form of Scholarships and Freeships extended by the institute. 2. As per the Government rules and regulations we updated the roaster for filling of vacant posts. 3. Teachers are motivated and encouraged to do meaningful research and for publication of paper in UGC listed jounals.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	Yes
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Eco Club Tree Plantation	18/07/2019	18/07/2019	18/07/2019	245

2019	Vanmahostav Din	01/08/2019	01/08/2019	01/08/2019	234
2019	Science Seminar Department of Physics " Mission Chandrayan"	19/09/2019	19/09/2019	19/09/2019	65
2019	Science Seminar Deapartment of Zoology " Reproductive Health"	09/10/2019	09/10/2019	09/10/2019	120
2019	Science Seminar Deapartment of Chemistry "Development and significance of Periodic Table"	10/10/2019	10/10/2019	10/10/2019	250
2019	Science Seminar Deapartment of Chemistry "Applcation of analytical Chemistry"	28/12/2019	28/12/2019	28/12/2019	220
2020	Science Seminar Deapartment of Botany " Ethno-medicinal use for Sustainable use"	11/01/2020	11/01/2020	11/01/2020	85
2020	Science Seminar Deapartment of Statistics " Application of Statistics"	04/02/2020	04/02/2020	04/02/2020	48
2020	Science Seminar Deapartment of Microbiology " Microbiolo	07/02/2020	07/02/2020	07/02/2020	50

	gist Overview on Fermentation Industry"				
2020	Science Seminar Deapartment of Electronics " Ethical Hacking"	17/02/2020	17/02/2020	17/02/2020	110

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
A traditional Day	15/01/2020	15/01/2020	810	750
Cultural Programs	15/01/2020	15/01/2020	810	Nill
. Ladies Hostel Programs (Hostel Day Celebration, Poster, Elocution, debating, rangoli, sports, etc.)	15/06/2019	30/04/2020	143	Nill

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
1. Energy Conservation: Building alignment North-South, replacement of old monitor with LCD, use of LED light 2. Use of renewable energy: Solar water heater at the boys and girls hostel 3. Water harvesting and check dam construction: Collection of 2000L rain water in chemistry department 4. Carbon neutrality: college is enriched with large number of trees, plantation by NCC, NSS and College staff 5. Hazardous waste management in chemistry and microbiology department 6. Celebration of wild life weak and Vanmahostav 7. Organization of environmental awareness programs, lectures and competitions 8. Participation in River cleaning programs 9. Eco-friendly Ganesh Festival information pamphlet distribution during festival by Ecoclub 10. Organization of lecture on Wild animals 11. Organization of awareness rally on Forest Fire and AIDS 12. Anti-Drunk and drive day

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nill

Ramp/Rails	Yes	Nill
Any other similar facility	Yes	Nill

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2020	Nill	1	18/01/2020	7	NSS camp at Village Banwadi	Personality development, National integration, Health issues, etc.	107
2019	Nill	1	02/07/2019	7	Organize FDP on Cyber security	Cyber crime	47
2020	Nill	1	02/06/2020	1	Dehu Alandi wari Swachta Abhiyan	Swachata of Wari	10

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
NIL	Nill	Nil

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Celebration of Independent Day	15/08/2019	15/08/2019	650
Celebration of Republic Day	26/01/2020	26/01/2020	710
Constitutional Day Celebration	26/11/2019	26/11/2019	190
Celebration of Birth And Death Anniversary of National Leaders And Eminent Personality	01/07/2019	30/07/2020	230

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Energy Conservation: replacement of old monitor with LCD, use of LED light 2. Use of renewable energy: Solar water heater at the boys and girls hostel 3. Water harvesting and check dam construction: Collection of 2000L rain water in chemistry department 4. Carbon neutrality: college is enriched with large number of trees, plantation by NCC, NSS and College staff 5. Hazardous waste management in chemistry and microbiology department 6. Hand over E-waste through AMC (Annual Maintenance Contract) 7. Celebration of wild life weak and Vanmahostav 8. organization of program on environmental awareness

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

http://yccskarad.com/Best-Practices.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

1. Vision of the institution "Be one with the downtrodden and the underprivileged" Vision and mission of the college are in agreement with the objectives of higher education in India. To understand and empathise with the downtrodden and underprivileged masses so as to facilitate their upliftment through making quality service education available to them. 2. 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. 3. Goals ? Offer a wide choice of Science subjects to students for study, focusing more on those with a large component of topics fulfilling local needs and also those with present and future applications. ? Create a „centre of excellence? capable of imparting the best training in science through an effective teaching-learning mechanism. ? Provide adequate infrastructure and a support system to cater to these needs. ? Encourage research by the faculty so as to generate appropriate knowledge to benefit society. ? Provide facilities and support systems to students from the poorest sections of society so as to enable them to avail of the best of science education. ? Provide adequate opportunities and facilities for extra-curricular and co-curricular activities in the college to enable the students to develop an awareness beyond their curriculum in order that they built up their personalities to the fullest. ? Start new courses that have a greater component for local applications and opportunities for self-employment in the future.

Provide the weblink of the institution

https://www.yccskarad.com/Institutional-Distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

Future Plan for 2020-21 1. To Introduce New Short Term/ Certificate Courses/Programs. 2. Organization of National/ State Level workshop/ seminar/ conference. 3. Organization of program on Yoga and Meditation. 4. Organization of State level Essay Competition and University level Elocution Competition. Organization of Placement drives. 5. Organization of National level Quiz Competition. 6. Cleanliness drive 7. Organization of Lead College activities 8. To organize workshops on Changes Syllabus in various subjects 9. Organization of Blood donation camps 10. Celebration of World Science Day 11. Celebration of National Science Day 12. Celebration of World Environment Day 13. Celebration of World Cancer Day. 15. Birth and Death anniversary of national heroes, famous saint and social and religious reformers. 16. Organization of Vachan Prerna Diwas to promote reading habits. 17. Tree plantation.