



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	YASHAVANTRAO CHAVAN INSTITUTE OF SCIENCE, SATARA
Name of the head of the Institution	Dr. K. G. Kanade
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	02162234392
Mobile no.	9881711038
Registered Email	ycis.satara65@gmail.com
Alternate Email	ycisiqac@gmail.com
Address	531A, Sadar Bazar, Satara - 415001, Maharashtra
City/Town	Satara
State/UT	Maharashtra
Pincode	415001

2. Institutional Status																															
Autonomous Status (Provide date of Conformant of Autonomous Status)	28-Mar-2018																														
Type of Institution	Co-education																														
Location	Urban																														
Financial Status	Self financed and grant-in-aid																														
Name of the IQAC co-ordinator/Director	Dr. Jaykumar J. Chavan																														
Phone no/Alternate Phone no.	02162234392																														
Mobile no.	9421122648																														
Registered Email	ycisiqac@gmail.com																														
Alternate Email	jaychavansu@gmail.com																														
3. Website Address																															
Web-link of the AQAR: (Previous Academic Year)	http://ycis.ac.in/aqar.html																														
4. Whether Academic Calendar prepared during the year	Yes																														
if yes,whether it is uploaded in the institutional website: Weblink :	http://ycis.ac.in/iqac_aca_calender.htm 1																														
5. Accrediation Details																															
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>A+</td> <td>3.57</td> <td>2016</td> <td>05-Dec-2016</td> <td>04-Nov-2023</td> </tr> <tr> <td>2</td> <td>A</td> <td>3.37</td> <td>2010</td> <td>04-Dec-2010</td> <td>03-Dec-2015</td> </tr> <tr> <td>1</td> <td>A</td> <td>85.80</td> <td>2004</td> <td>16-Feb-2004</td> <td>15-Feb-2009</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	3	A+	3.57	2016	05-Dec-2016	04-Nov-2023	2	A	3.37	2010	04-Dec-2010	03-Dec-2015	1	A	85.80	2004	16-Feb-2004	15-Feb-2009
Cycle	Grade	CGPA	Year of Accrediation	Validity																											
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1	A	85.80	2004	16-Feb-2004	15-Feb-2009																										
6. Date of Establishment of IQAC	10-Jan-2001																														
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
No Data Entered/Not Applicable!!!		
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8. Provide the list of Special Status conferred 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
No Data Entered/Not Applicable!!!				
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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)

• Commencement of M.Sc. Inorganic, Physical and Analytical Chemistry, B.Sc. NCC programs. • Implementation of subject specific Diploma courses. • Implementation of UGC Paramarsh Scheme. • Involvement of Joint Director, Higher Education, Government of Maharashtra and officials of SPD, RUSA, Maharashtra for effective implementation of UGC Paramarsh Scheme. • Regular meetings of IQAC other statutory bodies • Timely submission of AQAR for 201819 (submitted: 04/02/2020, approved: 12/02/2020) • Participation in NIRF ranking • ISO internal audit (27th 28th February, 2020) • Internal academic and research audit of every department (28th to 29th February, 2020) • Organization of Faculty Development Program for teaching staff (11th to 17th June, 2019) • National Instructor led live online Faculty Orientation Workshop on Revised Guidelines of NAAC (27/04/2010 to 02/05/2020) • Establishment of media center and video recording facility • One Week Faculty Development Workshop on 'ICT Tools for Effective Teaching Learning and Administration (26/05/2020 to 31/05/2020)

No Files Uploaded !!!

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	Achievements/Outcomes
No Data Entered/Not Applicable!!!	
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
College Development Committee	14-Oct-2020

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

2020

Date of Submission

20-Jan-2020

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

Yes, the institute have Management Information System. The ETH Digital Campus system at Yashavantrao Chavan Institute of Science, Satara takes care of the various needs of Management Information System(MIS) through ETH covers various aspects of Planning and Development, Administration, Finance and Accounts, Student Admission and Support, Examination. Moreover, Office of Information Technology (OIT) supports the for administration, continuous internal evaluation, feedback mechanism registrations of events organized, purchase requirements, This system enables a fool proof mechanism for monitoring documenting, and controlling various transactions with respect to financial, academic and administrative in nature.

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
No Data Entered/Not Applicable !!!			
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
No Data Entered/Not Applicable !!!				
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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 College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
MSc	M. Sc. II Chemistry	11/06/2019
MSc	M. Sc. II Physics	11/06/2019
MSc	M. Sc. II Botany	11/06/2019
MSc	M. Sc. II Zoology	11/06/2019
MSc	M. Sc. II Applied Microbiology	11/06/2019
MSc	M. Sc. II Mathematics	11/06/2019
MSc	M. Sc. II Statistics	11/06/2019
MSc	M. Sc. II Electronics	11/06/2019
MSc	M. Sc. II Biotechnology	11/06/2019
MSc	M.Sc. I (Analytical, Physical, Inorganic)	11/06/2019
BSc	B.Sc. I- NCC	11/06/2019
BSc	B. Sc. II Chemistry	11/06/2019
BSc	B. Sc. II Physics	11/06/2019
BSc	B. Sc. II Computer Science	11/06/2019
BSc	B. Sc. II Microbiology	11/06/2019
BSc	B. Sc. II Statistics	11/06/2019
BSc	B. Sc. II Botany	11/06/2019

BSc	B. Sc. II Mathematics	11/06/2019
BSc	B. Sc. II Zoology	11/06/2019
BSc	B. Sc. II Electronics	11/06/2019
BSc	B. Sc. II Computer Science Entire	11/06/2019
BSc	B.Sc. II Biotechnology	11/06/2019
BSc	B.Sc. II Animation Science	11/06/2019
BSc	B.Sc. II Nanoscience and Technology	11/06/2019
BSc	B.Sc. II Forensic Science	11/06/2019
BSc	B.Sc. II Food Processing & Packaging	11/06/2019
BSc	B. Voc. II Software Developmen	11/06/2019

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
<p>Self-evaluation is necessary in order to improve the quality and education in the Institute. On the basis of guidelines given in the NAAC manual, five types of feedback forms were designed to collect the responses from students about teachers and curriculum, and also feedbacks were taken from the teachers, parents, alumni, employers on different aspects. Education is the most important part of one's life. The kind of education one receives largely depends upon the kind of teacher one has. To improve students' performance, it is essential that they should understand the concepts related to the subject</p>

clearly. This can be achieved through effective teaching and by establishing a good rapport between students and teachers so that they feel free to ask about their difficulties. So the feedback system is an essential part of effective learning and overall improvement of the institute. It is important to know students' expectations from the institute and teachers as well as the performance of the teacher from the student's point of view. It is necessary to know if they are facing any difficulties. To improve the quality of the institute, it is essential to collect feedback from stockholders. Considering all the above aspects, a feedback form was prepared and at the end of the year, the responses from the stockholders were collected. A feedback committee was constituted by the Honourable Director of the Institute. Questionnaires were designed by the feedback committee of the institute regarding different points of the curriculum like suggestions for improvement curriculum, opinions about the implementation of the curriculum, etc. Online feedbacks were collected from students, teachers, parents, alumni, and employers. It is helpful in the overall development of the institute. The feedback reports are uploaded on the College website Various suggestions related to the modifications in the curriculum, library, books, and campus are noted for further necessary action. The feedback analysis reports that from the parents clearly depicts their satisfaction towards the institute. The alumni feedback analysis report reveals that the majority of the alumni are happy and proud to be a part of this institution. The students and alumni appreciated the academic initiatives taken by the institute as it becomes autonomous. They highlighted to improve the campus placements. Feedback obtained from stakeholders and employers is used for the overall development of the institution and feedback from students is used to improve the performance of the faculty. Satisfaction Index: The satisfaction Index is used for the measures of the satisfaction level of stakeholders about the teaching, learning, evaluation process, infrastructural facilities, curricular and extracurricular activities, supports services in the institute. The appropriate oral/written suggestions are conveyed to the Head of the department and chairperson of different committees through the Head of the institution. The suggestion or appreciations given by the parents are discussed with the faculty during the meeting.

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
No Data Entered/Not Applicable !!!				
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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 (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	3560	546	61	20	168

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	Number of smart classrooms	E-resources and techniques used
No Data Entered/Not Applicable !!!					
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)

All our faculty members are excellent mentors to their students. In order to make the mentoring system more organized, each teacher in our institute is a parent teacher to at least 20 students. At the beginning of the year, the students are assigned to the teachers. A form is filled up by the students having their personal and academic details. In the academic year a minimum of six meetings between the parent teacher and ward student is mandatory. In the meetings the line of discussion is to ensure the student that he is being looked after and that his progress is being personally monitored. The students whose academic progress report is on the declining pathway are counselled by the parent teachers and if the need arises are also personally coached by them. The biggest aim of this scheme is to ensure the students that they have an attentive person in the institute with whom they can discuss their problems and get a probable guidance towards solving it. Most of our students come from rural and agricultural background. Economic constraint is the biggest difficulty faced by most of them. The parent teachers task is also to identify such students and make them aware about freeships, scholarship schemes and the earn and learn scheme. The Earn and Learn Scheme is a unique practice initiated by Karmaveer Bhaurao Patil, the founder our parent institute Rayat Shikshan Sanstha. The practice aims at making the students independent and take responsibility of their academic expenses. The students are assigned to work for the college by spending two hours a day either in the Library, Garden or Office and are given remuneration for the services provided by them which helps them meet their college expenses. It is our experience that the students working in this scheme tend to value the importance of education more than free-ships allotted to them. The parent teachers at their level counsel the students and if the need arises bring the students counselling cell in the picture. The counsellor is available with whom the students can meet in the campus and discuss their problems. The student counselling cell also refers the students suggested by parent teachers in need of counselling to the counsellor. If the need arises psychological counselling by eminent doctors in the city is also enabled. All the above committees work is evaluated twice a year to maintain transparency and effectiveness in their important role as the mentoring backbone of our institute. Open Day was organized for the M. Sc. Students wherein the parents of the students were invited in the respective departments to enable them to interact with the teachers. The parents were allowed access to the answer sheets of the semester exam of their ward so that they could know the performance of their child. In the wake of Global Covid Pandemic all faculty took to online meeting platforms to remain updated about the students and guide them about the updates in the evaluation system.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4106	249	1:16

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
286	249	37	27	37

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 semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
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No Data Entered/Not Applicable !!!

[View File](#)

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
16	4339	0.37

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)

<http://ycis.ac.in/ug.html>, <http://ycis.ac.in/pg.html>

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
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No Data Entered/Not Applicable !!!

[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)

http://ycis.ac.in/student_satisfaction.html

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

Yes

Name of the teacher getting seed money

Nil

[View File](#)

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
No Data Entered/Not Applicable !!!				
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3.2 – Resource Mobilization for Research

3.2.1 – 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	Nil	Nil	Nil	Nil
View File				

3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

0.05

3.3 – Innovation Ecosystem

3.3.1 – 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
Workshop on "Intellectual Property Rights (IPR) for Academia and Industry for Technology Collaboration and Transfer"	YCIS-CIII	14/03/2020
Institute Industry Interaction	Statistics	31/08/2019
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3.3.2 – 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
Innovative College Award	Yashvantrao Chavan Institute of Science, Satara	Rayat Shikshan Sanstha Satara	09/06/2020	Institutional
Innovative Teacher	Mr. Pankaj Mundada	Rayat Shikshan Sanstha Satara	09/06/2020	Teacher
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3.3.3 – 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
Science and Technology	Yashvantrao Chavan Centre for Invention,	RUSA, TATA Technologies and SciTech Park	Agroson	E-Farm Management	06/11/2019

	Innovation and Incubation				
Science and Technology	Yashavantrao Chavan Centre for Invention, Innovation and Incubation	RUSA, TATA Technologies and SciTech Park	Q Hill Technology Pvt. Ltd.	Quantum Computing	16/09/2019
Science and Technology	Yashavantrao Chavan Centre for Invention, Innovation and Incubation	RUSA, TATA Technologies and SciTech Park	Space Automation	IOT	15/12/2019
Science and Technology	Yashavantrao Chavan Centre for Invention, Innovation and Incubation	RUSA, TATA Technologies and SciTech Park	That Mate	Gender sensitization	02/12/2019

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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Zoology	4
Chemistry	3

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

Type	Department	Number of Publication	Average Impact Factor (if any)
No Data Entered/Not Applicable !!!			
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
English	1
Physics	2
Chemistry	3
Zoology	5
Botany	2
Electronics	4

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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Innovative Harvesting Tool	Published	202021006404	14/02/2020
No file uploaded.			

3.4.5 – 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
No Data Entered/Not Applicable !!!						
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3.4.6 – 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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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	160	243	51	20
Presented papers	129	143	18	3
Resource persons	3	13	10	7
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
No Data Entered/Not Applicable !!!			
View File			

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
YC C-III	VMC Advanced Robotics	Cooper Corporation Ltd., Satara	53370	25
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3.6 – Extension Activities

3.6.1 – 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
No Data Entered/Not Applicable !!!			
View File			

3.6.2 – 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 !!!			
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3.6.3 – 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/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
No Data Entered/Not Applicable !!!				
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3.7 – Collaborations

3.7.1 – 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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3.7.2 – 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
No Data Entered/Not Applicable !!!					
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, 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
21571000	13569396

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Existing
Video Centre	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
View File	

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 partially)	Version	Year of automation
LIBRERIA	Partially	Online	2009

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
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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 !!!			
View File			

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/	Others
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								GBPS)	
Existing	386	19	13	8	2	8	16	88	0
Added	40	0	0	0	1	0	0	252	0
Total	426	19	13	8	3	8	16	340	0

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

340 MBPS/ GBPS

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
Media Center and Recording facility	http://ycis.ac.in/pdf/facilities/4.3.3%20facility%20for%20e-content.pdf
Audio Video Editing Lab	http://ycis.ac.in/pdf/facilities/AUDIO%20VIDEO%20EDITING%20LAB%20Dept%20Animation%20science.pdf
Knowledge Bank	http://ycis.ac.in/faciltynew.html

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 incurred on maintenance of physical facilities
1300000	1194922	2000000	1678193

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)

The College has well established infrastructure facilities such as classrooms, laboratories, library, common amenities like girls' common room, Auditorium, seminar halls, Audio Visual room, indoor and outdoor game facilities etc. Institute has a building committee for infrastructure maintenance. This committee has plans and monitors the optimal utilization of allocated budget for maintenance and upgradation of infrastructure. Laboratory: The Laboratory Assistant under the supervision of the HOD/Coordinator has managed the requirements and purchases of chemicals, glassware's, equipment's and maintenance of laboratory with the help of Laboratory Attendant and peon. They have carried out Annual Stock checking and withdrawal/Scrap. Repairs and maintenance are handled as per the common policy of the college. Library: The library is partially automated. All technical activities, catalogue and circulation are automated. The details of bookings are recorded in the diary for reference. Library provide the academic and cocurricular facility for the students and staff. Library help its users to locate, select and acquire the information needed. Staff Members and Students can access the Library facilities and can borrow books, Magazines, periodicals, and other materials as per the rules for each category. Library uses Libraeria Software for issuing books, Magazines, periodicals. Annual Stock taking of Library books has been conducted. Sport Complex: The college has playgrounds which is utilised by staff and students to the maximum. The playgrounds, gymnasium and sports infrastructure are under the custody and monitoring of the faculty and coaches

of the Physical Education Department and they strictly ensure that the same are properly maintained by gymkhana committee. Sports materials, kits are regularly provided to the player for their practice. IT Facilities: The chairman and staff of Office Information Technology (OIT) Department are maintaining the IT facilities of our institute. All computer labs are available to staff and students and they are fully occupied. Repair / upgradation / purchase of hardware/ software are also taken care of by the OIT department with help of administrative team. The internet / LAN facilities are also fully functional and are properly maintained and monitored by OIT Department. In case of any requirement, the Department Heads could place an order/ request through OIT Department.

<http://ycis.ac.in/#>

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	Nill	Nill	Nill
Financial Support from Other Sources			
a) National	Nill	Nill	Nill
b) International	Nill	Nill	Nill

[View File](#)

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 !!!			

[View File](#)

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 passed in the comp. exam	Number of students placed
2020	Nill	Nill	Nill	Nill	Nill

[View File](#)

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
11	10	30

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
No Data Entered/Not Applicable !!!					
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	Null	Null	Null	Null	Null
View File					

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 !!!	
View File	

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
View File		

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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	Null	Null	Null	Null	Null	Null
View File						

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

The institution has a well functional student council which takes care for augmentation of various infrastructural, academic and administrative activities for student benefit and welfare. The student's council along with the college administration has actively solved many problems of the student's like-admission, availability of resources etc. Youth festival was organized in the institution by the student council and the college management in which various cultural activities were organized and the students were selected to represent the college at university level. The student's council took initiative and have been successfully running the science council of the institution. The council actively participated in organizing and conducting programmes like tree plantation, cleaning of college premises, swachh bharaat abhiyan, blood donation camp etc. In the blood donation camp organized by student's council, the staff and students donated blood for which they were given certificate. The student's council have also successfully conducted seminars and workshops for girl's

safety, women helpline and eve teasing for safety of the college girls. The students council also organize annual sports in which many team and individual events were conducted and the winner were given mementos and trophies. In the annual function conducted by the student council scholarships, awards for academic and sports, NCC and NSS, Blood donation were given away. Various cultural activities performed by the students of the college along with musicians and music system was result of initiative by student's council. There was provision for lunch for staff and students. Thus, the college student's council have shown an active participation along with the college management for enhancing the name and fame of the institution. Students have active representation on a Class Committees All programmes have class committees for each course that comprise of student members representing meritorious as well as weak students, along with faculty members nominated by the Head of the Department, other than the course teacher. The Class Committees provide feedback on all aspects of the programme and respective course. Class Committee Meetings are held regularly, at least twice in each semester. Cultural and Sports Committees Students have strong representations in all cultural and sports committees and help in organization and management of events. Hostel Administration Students provide strong support in the administration and management of hostel affairs. Each hostel has a Mess Committee, students manage the entire functioning of the co-operative mess. The students organize extra-curricular events and competitions throughout the year through Cultural Committee, Sports Committee and Cleanliness Committee Organization of Special Events Students organize, and celebrate the National Teachers Day, on Sept. 5, the traditional day in first week of January, annual day, the Inter-University Drama Festivals, wall paper display, intra-faculty and inter-faculty sports competitions, Founder's Day celebrations and other National celebrations that include, Independence Day, Republic Day, Science Day and various NSS and social service activities. Student representation in academic and administrative bodies and committees of the Institute are as follows, 1. Students Council 2. Anti-Ragging Committee 3. Sports Committee 4. NSS Committee 5. Alumni Association 6. Internal Complain Committee 7.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

It is a matter of pride for the institution that our former students are occupying very key positions in different walks of life. The institution has always been in the constant touch with the former students and they have been playing a very crucial role for the progress and development of the institution as per the guide lines laid down by the NAAC the institution Formed Alumni Association in the year 2009. Since the establishment of the Alumni Association regular meetings are organized the former students enthusiastically attend these meetings. Various aspects of quality, assurance sustenance enhancement are discussed during these meetings the necessary measures are seriously taken Alumni Association of this college is very active sincerely contributing towards the qualitative growth of the institution. The institute has registered Alumni Association. Alumni Registration No. is E1429 Date: 10/11/2009 While rejuvenating the memories of the college, a network of old students was achieved. Today, it is the backbone of the institution. The institution rests on the rich history of the student's success and glory. Ex-ycians Association regularly meets and interacts with the management. It is the flag bearer of the developments in the institution. The Alumni organizes lectures on personality development. Over the years it has been helping in holding interactive sessions to motivate students regarding social adjustments and career seeking. The alumni also help the institution by influencing industries and other agencies in getting placements fests for the institution. The alumni has expanded and

strengthened it with new enrolments. The Institution has a social networking page and a separate link in the website where the Alumni can register and connect to share their ideas. Objectives: 1. To promote and provide for education, educational scholarships and medical relief useful to poor and the needy students 2. To promote sports education, culture knowledge by arranging seminars of past students of YCIS 3. To make the students career oriented and attain international standard and by sheer professionalism. 4. To arrange seminars and to develop activities for healthy environment. 5. To cultivate and foster friendly and cordial relations between the past students and the past and present employ of the Y.C. Institute of Science, Satara. 6. To hold meetings, social gatherings, conventions, seminars of the past and present students and teachers. 7. To establish and maintain "Ex-Ycians" Home on the campus of the Y.C. Institute of Science, Satara. 8. To enroll ordinary members and life-members of the Association. 9. To canvass for and obtain donations, gifts of money, books, periodicals, property and expend the money in furtherance of the aims and objects of the Association. 10. To do such other things as may be decided by the General Body or the Executive Committee from time of time in furtherance of the aims and objects of the Association. Alumni Benefits for Students: ?Personality Development Program ?Career Advising ?Industry Institute Interaction ?Mentoring ?Placement assistance ?Sponsorship ?Project Assistance for final year students ?Arranging seminar for students

5.4.2 – No. of registered Alumni:

310

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

780000

5.4.4 – Meetings/activities organized by Alumni Association :

No. of meetings: 04 No. of activities: 02 1. Competitive exam guidance for students 2. Industrial meet

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)

The Institute has adopted decentralized and participative management to a great extent by a allocation of responsibilities with Vice-Principal, Deans, Academic Registrar, CoE, Heads of Departments and Coordinators. Internal Quality Assurance Cell has been given the operational autonomy to implement various programmes and policies of the institution effectively to enhance the quality of various units of college. The institute provides autonomy to various committees and Staff members hold various administrative positions in these committees and statutory bodies which are as follows: Vice Principal, IQAC Director, Deans, Academic Registrar, HoDs, Finance officer, Member of Academic Council, Governing Body, College Development Committee, Chairperson of a committee which in turn creates an opportunity for the faculty to be actively involved in decision making. To enhance the process of developing alternatives to facilitate effective decision making, the various academic and administrative statutory bodies/committees are involved by the management of the College. Autonomy is given to departments to purchase the necessary instruments, computers, and chemicals for quality teaching. The registrar works as the head of the support staff. Faculty with social attitude is trained as the programme officer to organize various activities of National Service Scheme. A Faculty is given responsibility of NCC unit as well as Cultural Activities. These activities aim at the holistic development of the students.

Student representatives are appointed as members in various committees which develops the leadership qualities among them. The college is committed to participative management. The college promotes the faculty and staff to participate in various activities of the Sanstha, University and Government. Periodical meetings of the constituted committees are held to plan, execute, monitor and evaluate the intended outcome both for current year and for the next year. The benchmark is set for every activity to ensure quality administration through rigorous efforts of all the stakeholders.

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
Curriculum Development	<p>The Institute follows a well structured procedure for designing the curriculum. After the analysis of the feedback from all the stakeholders, the sub committees of respective departments prepare the syllabus taking into the consideration all the suggestions and inputs. The course outcomes are outlined in alignment with the program specific outcomes which ensures the fulfillment of programme outcome. The curriculum is placed for approval by the department in the Board of Studies (BOS) which is constituted as per prevailing norms of the Shivaji University, Kolhapur that includes members from Industry, Alumni, Faculty from other University and University nominated member. It is then placed for approval in the Academic Council. The curriculum is, thus, finally evolved after incorporating the suggestions from members of the Academic Council.</p> <p>The Status of autonomy helps the college to restructure the curriculum with due consideration of suggestions from stakeholders in order to make it relevant to contemporary times and industry requirements.</p>
Teaching and Learning	<p>Following quality improvement strategies are adopted for enhanced teaching and learning: 1 facility, google classroom, various apps, digital classrooms, smart boards, computer labs, internet facility to facilitate the teaching learning process. 2. Every department prepares academic calendar in tune with the Institution's calendar. The curricular, co-curricular, and extra-curricular activities are planned. faculty prepares</p>

annual teaching plan and maintains academic diary. Head of the Department monitors the teaching learning. Parent teacher committee monitors the academic progress and provides the academic counseling to Committee provides counseling on various issues and problems. Attendance committee monitors the students' attendance. 6. More scope is given to the practical's in the syllabus ,hands on training activity , research projects are given to enhance the learning

Examination and Evaluation

The COE office has software for all the examination related requirements. The registration for the examination to the downloading of the Hall Ticket is done through online mode. There is a provision to apply for revaluation of answer scripts of the final examination. Two Online tests per year are conducted through the software.

Research and Development

1. The Institute has Research Advisory committee to monitor the research activities in the inst Provision of seed money for research to the faculty as well as students to inculcate the research and faculty. 3. Incentives are given to the Faculty to participate in the International and national their research. 4. National and International conferences, workshops and training programs are to the recent trends of research and networking opportunities. 5. Faculty is encouraged and supported to apply for Major and Minor research projects from different funding agencies. 6. The Institute has CIII center which provides research facilities and training in AI and other courses. 7. Industry -Academia meet is organized networking as well as to make the syllabus at par with the industry needs.

Library, ICT and Physical Infrastructure / Instrumentation

Quality improvement strategies adopted for Library, ICT and Physical Infrastructure/ Instrument Automated library which has membership of INFLIBNET, NList, e resources, animated clips. 2. The content development facility 3. All the laboratories have adequate lab space and instruments. 4 It has high end instrumentation facilities required for research. 5. The Center for Innovation, provides working space, instruments, library and

	courses to keep pace with the new age techno intelligence etc.
Human Resource Management	<p>Quality improvement strategies adopted for Human Resource Management:</p> <ol style="list-style-type: none"> 1. As per government rules and regulations recruitment process is carried out by the Parent Institution. Promotion is given as per Parent Institution's policy. 2. Various committees are formed for the smooth functioning of academic and administrative work. 3. Faculty training programs are organized for the Faculty and supportive staff to upgrade their knowledge. 4. Faculty is encouraged to participate in orientation, refresher and short term courses. 5. Institute authorities sanctions duty leave to the faculty.
Industry Interaction / Collaboration	<p>To foster the Industry- Academia relation, Institute organizes 2 industry-academia interaction per year. The curriculum of both UG and PG courses has Industry field work/ Internship/ project. Hence majority of the student's exposure to Industry experience. Moreover, through MoUs and Industry Meet many linkages are created for Industry -Academia interaction. All departments organize guest lectures, hands on training program, seminar, conferences, workshops and other academic activities in collaboration with Industry. A representative from the Industry is always a member of Curriculum Development of each department.</p>
Admission of Students	<p>For UG, admission process is on the basis of marks secured in 12th examination (merit basis), Entrance examination is conducted and admissions are on the basis of merit. Institute adheres to the reservation policy, rules and regulations of the Shivaji University, Kolhapur and Government of Maharashtra. Y.C. Institute follows an inclusive admission policy which is unique and dynamic. The Institute welcomes applicants from diverse social, cultural, economic, ethnic and geographical backgrounds.</p>

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

E-governance area	Details
Planning and Development	All the faculty and departments are provided with institutional email id. E

	tenders
Administration	The entire faculty is provided with institutional email id. PFMS submission is done online. Communication to the staff is through Email and SMS Shanti SMS service
Finance and Accounts	The payment of the faculty is done through the salary account. Various funds from different e.g. e-governance. Tally software is used in Administrative office for financial records
Student Admission and Support	Institute has its website as www.ycis.in where all the notices and announcements are displayed f Institute has Online admission through ETH software (license copy), online feedback system
Examination	Examination department conducts online examination. Examination forms are submitted through online as well as made available on university as well as institute website. Internal examination marks are submitted online.

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 !!!				
View File				

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges 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)
No Data Entered/Not Applicable !!!						
View File						

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 !!!				

[View File](#)

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
27	132	Nil	36

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>1. The management of Rayat Shikshan Sanstha and the college have several welfare measures for the wellbeing of teaching and nonteaching staff List of existing Welfare measures by the management are as follows: 1.Financial assistance/loans such as personal loan, festive loan, housing loan, and vehicle loan, emergency loan, educational loan etc. The interest rates are minimum as per norms of RBI. 2.Job offer to one of the family members after the sudden death of the staff in service 3.Partial Loan waiver for the deceased staff 4.Felicitation by the management for achievements of the employees and their wards 5.Fundraising drive for the employee affected by an unforeseen calamity.</p> <p>2). Healthcare measures by the Institute: i. Free Blood check up camp ii. Lectures on Health and mental health issues. 3). Staff Welfare Fund 4). Felicitation of the Faculty for achievements 5). Best Teacher Award 6). Best Reader award 7). Rayat Bank Loan facility 8) Insurance</p>	<p>1). The management of Rayat Shikshan Sanstha and the college have several welfare measures for the wellbeing of teaching and nonteaching staff List of existing Welfare measures by the management are as follows: 1.Financial assistance/loans such as personal loan, festive loan, housing loan, and vehicle loan, emergency loan, educational loan etc. The interest rates are minimum as per norms of RBI 2. Job offer to one of the family members after the sudden death of the staff in service 3.Partial Loan waiver for the deceased staff 4. Felicitation by the management for achievements of the employees and their wards 5.Fundraising drive for the employee affected by an unforeseen calamity.</p> <p>2). Healthcare measures by the Institute: i. Free Blood check up camp ii. Lectures on Health and mental health issues. 3). Staff Welfare Fund 4). Felicitation of the Non-teaching faculty for achievements 5). Best Non Teaching Staff Award 6). Rayat Bank Loan facility 7). Insurance</p>	<p>1). 'Earn and Learn Scheme' for the socially and economically backward and needy students. 2). Scholarships and free ships to SC, ST, OBC, and sports students, Single Girl Child Scholarships, Eklavya scholarship by University . 3). Students' Council participated in planning, organizing and better. 4). Student Aid Fund 5). Best Reader award 6). Shahid Tukaram Ombale Award 7). Availability of Bus Pass on the campus. 8). Hostel facility for boys and Girls. 9). Ex-YCian Scholarship. 10). Lupin Scholarship</p>

6.4 – Financial Management and Resource Mobilization

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

The accounts are audited regularly. The Institute follows the regular financial

audit system. The audit is done by internal as well as external agencies. The internal audit is done by the parent institution i.e. Rayat Shikshan Sanstha in the first and second term in the financial year. The external audit is done by the Chartered Accountant firm, Kirtane and Pandit, Chartered Accountant, Pune. The final salary and non-salary audit is done by Joint Director and Senior Auditor of Higher Education, Kolhapur and Accountant General, Mumbai. The college sends financial statements every year to the concerned authority. All the queries raised are duly clarified.

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 !!!		
View File		

6.4.3 – Total corpus fund generated

7607500

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	Yes	Rayat Shikshan Sanstha, Sanstha, ISO	Yes	ISO IQAC
Administrative	Yes	Rayat Shikshan Sanstha, Sanstha, ISO	Yes	ISO

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

Parents' meetings were conducted by all the departments and their suggestions were followed to improve the performance of the students. Parents were informed about their wards' performance, attendance and discipline. Parents were informed the various facilities and amenities in the college and programmes and activities conducted in the college for overall development of their wards.

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

One day workshop on Modern Office Management for Administrative Staff (11/03/2020) No. of participants: 140

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

1. Commencement of B.Sc. NCC (2nd year) 2. Commencement of 3 specializations of MSc. Chemistry (Inorganic, Analytical and Physical Chemistry) 3. Enhancement of seed capital for research 4. Implementation of subject specific Diploma courses (2nd year). 5). Implementation of UGC Paramarsh Scheme. 6). Participation in NIRF ranking 7). Switchover from ISO: 9001:2008 to ISO 9001:2015 7) Internal academic and research audit of every department 8) National Instructor led live online Faculty Orientation Workshop on Revised Guidelines of NAAC 9) Establishment of media center and video recording facility.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
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
No Data Entered/Not Applicable !!!					
View File					

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
Guest Lecture on Gender Sensitization	30/11/2019	30/11/2019	79	38
Guest Lecture on Gender Equity	08/02/2020	08/02/2020	51	23
Ladies NCC	24/06/2019	30/04/2020	19	Nil
Health check up camp (Hemoglobin check up)	23/01/2020	23/01/2020	245	Nil
Iron and Folic acid Tablet Distribution	03/01/2020	03/01/2020	20	Nil
Guest lecture on Awareness of Breast and Cervix cancer among the women	22/02/2020	22/02/2020	150	Nil

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
12.8

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	9
Ramp/Rails	Yes	9

Braille Software/facilities	No	Nil
Rest Rooms	Yes	5
Scribes for examination	Yes	2
Special skill development for differently abled students	No	Nil

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	Nil	Nil	Nil	Nil	Nil	Nil	Nil

[View File](#)

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Teachers Training Program	21/09/2019	Training workshop was organized on 21st Sep.2019 to understand the role of teacher as counselor. 140 teachers participated in the workshop. The resource persons shared their experiences about psychosomatic disorders in the students and encouraged the teachers to be a counsellor. Hon. Principal supported the activity and in his presidential speech guided the participants to be a parent of the student so as to shower love and affection on the students which will be beneficial in creating positive rapport between teacher and students. Teachers put forth the problems related to misbehavior of the students in the campus.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants

No Data Entered/Not Applicable !!!

[View File](#)

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

1.Waste Management : Biodegradable waste (Vermicompost) Biomedical Waste (Incineration) E- waste (collection and disposal : MoU) 2.Rain Water Harvesting : Quantity of Water : 1,16, 00,000 liters per year. 3.Paperless office: communication through e -mails, telegram group, whats app 4.Conservation of endangered plant in botanical garden. 5.Water reserve : Water Tank ,Open well 6. Landscaping

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1). Title: Earn and learn scheme for economically backward students. Objectives: 1. To provide financial assistance to the financially backward and needy students 2. To motivate students for self-employment 3. To make students aware about work culture 4. To develop a student as a multifaceted personality with academic excellence and a commitment to an egalitarian society 5. To encourage young students to learn about dignity of labour. 6. To prevent students from avoidable distractions and engage them in meaningful, positive activities. Context: The founder of RayatShikshanSanstha and eminent educationalist Padambhushan Dr. KarmveerBhauraoPatil started this noble activity in the college of Rayat Shikshan Sanstha. 'Education through self-help' was the seminal principle of Karmveer Bhaurao's educational philosophy. This scheme is basically undertaken for the benefit of students coming from the rural areas, which are economically backward, intelligent and meritorious, needy but cannot afford higher education. This scheme makes higher education accessible and available to the poor, needy and meritorious students. Under this scheme, those students who are interested in joining are to fill the necessary application form. Practice: The scheme is flexible to give work to those who demand it. The students are interviewed by the Committee and are selected on the basis of financial background. The selected students have to submit the Family Income Certificate to prove that they are economically backward. The students enrolled under the scheme are given the work in botanical garden, Polyhouse, study room, library, competitive center, Gurukul study room, administrative office, gymkhana, IQAC office, departmental laboratories etc. However when the distribution of work is given it is seen that all students get equal opportunity to get all different kinds of work such as technical work, fieldwork. Office work includes working at the Library and office of the institute. Technical work includes Knowledge of computers, office machines such as photocopying etc. While field work includes working in the garden, looking after newly planted trees. It is expected that every student should work for two hours daily after the classes are over. Students working under this scheme are paid an honorarium of Rs. 30 per hour. Payment is made as per the attendance sheet, which is to be maintained by the college. In the academic year, 60 students were enrolled under earn and learn scheme and a total of Rs. 3,21,670/- has been spent on the scheme. Outcomes: The Earn and Learn Scheme helps financially needy students so that they can continue their studies by earning while learning. Moreover, the values such as self-reliance, confidence, dignity of labour and integrity of mind and character were automatically impressed upon the minds of the students who benefited from this scheme. It also helps the families of the enrolled students to free from the economic burdens. As an outcome of this scheme the students get education. The dignity of labour is imbibed through this scheme among the students and the students earn while they learn. 2) Title: Y C Science Exhibition cum Fair :- The training ground of Entrepreneurs. Objectives 1) To impart the essentials of entrepreneurship to the students. 2) Provide an opportunity for the students to

learn the basics of financial autonomy. 3) Combine the practical aspects of basic and allied sciences for the betterment of society. 4) Facilitate effective marketing of products and inventions conceptualized in the laboratory. 5) Create a direct link between lab and the community through the fair. The context The YC Science Exhibition cum Fair a unique activity of the institute is in second year. The students are taught different commercial and applied aspects of a subject during their theory. Instead of just learning the concepts and putting them on paper the activity paves the path for the students to practice the concepts . The practice Each department has its own products and inventions. Students are given an opportunity to showcase their inventions or products. They are displayed in the stalls of respective departments. The products are not only displayed as exhibits but their sale is carried out. At the end of the activity the students come together and after brain storming and audits they come to understand the marketing concepts. The efforts and profit obtained. They get to know some aspects of production, display and marketing which will be very useful to them in their future life. Some of the produces are easy to handle and store. They can be made and sold by single individual in very less space. This could provide the seeds of future growth of the student as an entrepreneur. The exhibition cum fair was organized on 5th and 6th of October on the auspicious occasion of beginning of centenary celebrations of Rayat Shikshan Sanstha. There were 36 stalls. The college also highlighted the current activities such as Autonomous college and its benefits, different activities of the institute for the benefit of students were also highlighted in the activities through NSS, NCC, Library, Earn and Learn and Competitive examination stalls. Other stalls were set up by different departments which displayed their products. Some mentionable projects of different departments were as follows Merge Cube ,Shock Therepy, Tesla coil and Electricity breaking system by Physics Department. Moss Garden, herbal tea, syrups and oils by Department of Botany. Tissue culture plants, preparation seeds for nursery and Spirulina cookies by Department of Biotechnology. Application of Nanoscience in cancer treatment, hydrophobic thin film, supercapacitor by Nanoscience department. Mix fruit pickles , Milk shakes, Icecreams, Choclates, candies, and instant food mixes were prepared by Food Processing and Packaging Department. Probiotic Kulfi, Fermented Pickles, Antimicrobial face pack and other microbial products were prepared by Department of Microbiology. Cocoon Handicraft items , honey tea and Vermiwash were prepared by Zoology Department. Self balancing Robot, keyless smart bike starter, automatic water taps and gesture control Robot were prepared by the department of Electronics. There were also stalls of B.Voc, Computer science, Library, English department, NCC and NSS. Success The activity received overwhelming success as on the first day the Alumni also visited the different stalls and relived their past days in presence of the department stalls. This year on the basis of last years success and experience the number of commodities displayed for exhibition and sale showed marked increase. The number of games related to the respective subjects also increased. The students actively participated in the prepration of products, organization of games, preparation of posters and banners, arrangement in the stalls. The activity also inculcated team work, management of the stalls, economics and other enterpreunanship skills. Social relevance: - One of the highlight was the presentation of street play by Department of Microbiology about importance of hygienic conditions. Problems encountered: Considering the number of visitors the space has some limitations.

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

http://ycis.ac.in/yc_exhibitioncumfair.html, <http://ycis.ac.in/earnlearn.html>

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

Institutional Distinctiveness: Research VISION: The YCIS has as its vision to create a culture that encourages innovations and creativities in research and increase the impact of research for the society. It also provides a platform for leadership and support research efforts to benefit scholarly students, researchers and budding scientists. Research and Innovations strives to make the YCIS, a leading institute in publications, mentoring, training and translating research into health and economic benefits to society. **MISSION:** To inculcate the research and innovation culture that expands the boundaries of knowledge to achieve wellbeing of society. **PRIORITIES IN MISSION** • We dedicate ourselves for providing a state of an art research infrastructure that will maximize the funds generated by research projects and attract researchers to our college. • Helping our faculty and researchers by meeting challenges through innovative interdisciplinary team efforts. • Breaking the boundaries and fostering diverse inter-and multi-disciplinary efforts of faculty. • Targeting trends in research in order to achieve institutional goals. • Maintaining the highest standards environment to ensure the responsible conduct of research. • Taking efforts for public and private partnerships that will ensure the wellbeing of people in our society. • To create a vibrant local innovation ecosystem. Start-up supporting Mechanism in HEIs. Prepare institute for Atal Ranking of Institutions on Innovation Achievements Framework. Establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas. Develop better Cognitive Ability for Technology Students. **SELECTION OF DIFFERENT THRUST AREA** 1. Biodiversity-Evaluation and bioprospecting of Northern Western Ghats 2. Synthetic and biosynthetic nanoparticle production, characterization and applications 3. Smart materials synthesis, characterization and applications 4. Heterocyclic compounds, Extraction of Drugs from medicinal plants 5. Monitoring, evaluation, correction and conservation 6. Recycling, Rejuvenation, Modification of food material and municipal waste processing 7. Non-conventional energy- Biodiesel, Solar and Bioenergy **WORKOUT OF THE THRUST AREA** 1. Research funding provided is Rs. 17,90,000/- (Under RUSA) 2. Incentives provided: Rs. 15,555/- 3. Seed money and financial assistance: Rs. 1,15,000/- 4. Advanced instrumentation: GC-MS, HPLC, Spectrophotometer, FTIR etc. 5. Yashavantrao Chavan Center for Invention, Innovation and Incubation (YC-CIII) has been established with support from RUSA, TATA Technologies and STP. 6. Institute signed MoU with Internationally reputed organization/laboratories/universities from Republic of Korea, Bulgaria, Japan. 7. Organization of Conferences/seminar/symposia organized: 8. **Faculties are working as M. Phil and Ph. D guides: 24 Research students: 52** **PERFORMANCE** • New Guides :03 • Conferences/seminar/symposia organized: International: 01, National: 06. • IPR workshop • Avishkar Competition • One Day Workshop on Research Methodology **OUTCOME** 1. Patent: (01 Filed, 05 filing in process). 2. Ph.D. Awarded:03 3. Research papers published: 56 4. 3rd prize at district level Avishkar competition 5. 1st and 2nd prize in Rayat Madhyavarti Avishkar. **FUTURE PLANS** • Promoting students and faculties for their own product design and development, patents and start-ups • Strengthening industrial and corporate training • Establishment of center of excellence in various thrust area • Promote research activities related to industrial problems • To get FSSAI license for institution.

Provide the weblink of the institution

http://ycis.ac.in/Researchnew/researchnew_%20home.html

8.Future Plans of Actions for Next Academic Year

1. Initiatives to combat with Covid-19 (SOP, workshops, awareness programs, competitions, preventive device etc.) 2. Submission of proposals for initiating new programs as well as strengthening intake capacity of existing programs. 3. Commencement of Skill/Add-on/capsule courses 4. Workshop on 'NAAC- Revised

Accreditation Framework' 5. National workshop on 'National Education Policy-2020'. 6. Organization of Student Induction Programs 7. National/International Webinars on recent updates in the subjects 8. Strengthening virtual platforms and devices for teaching-learning process under covid-19 pandemic. 9. Workshop to students on use and operating Google Meet and other online platforms for Teaching-learning process. 10. Knowledge bank facility 11. Strengthening video-recording facility. 12. Awareness workshop on 'Online Courses' to UG PG students 13. Workshops on various topics including but not limited to Research and Development, e-content development, Add-on/ short/ term/ skill/ capsule courses, Scientific Review Writing and Handling Mendeley Software' 14. One-week Faculty Development Program (FDP) on Academic and Professional Development to newly recruited teaching faculty 15. Workshop on mobile photography for Non-Teaching Staff. 16. Workshop on Effective Laboratory Management Skills for Non-Teaching Staff. 17. Train the trainer, Faculty Development and Student Training Program on Creativity, Problem Solving and Innovation (Boot camp)' 18. Provision of research project grants under RUSA Component 8. 19. Organization of YC Science Exhibition cum Fair - institutional best practice. 20. Workshop for administrative staff 21. Workshop for BoS Chairpersons 22. Workshop on Bloom's Taxonomy 23. Development of apps and web-based platform for digital documentation