



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution		Yashavantrao Chavan Institute of Science, Satara
• Name of the Head of the institution		Prin. Dr. B. T. Jadhav
• Designation		Director
• Does the institution function from its own campus?		Yes
• Phone No. of the Principal		02162234392
• Alternate phone No.		02162234392
• Mobile No. (Principal)		9421215973
• Registered e-mail ID (Principal)		ycis.satara65@gmail.com
• Address		S. No. 533A, Sadar Bazar, Satara
• City/Town		Satara
• State/UT		Maharashtra
• Pin Code		415001
2.Institutional status		
• Autonomous Status (Provide the date of conferment of Autonomy)		28/03/2018
• Type of Institution		Co-education
• Location		Urban

• Financial Status	Grants-in aid				
• Name of the IQAC Co-ordinator/Director	Dr. Jaykumar J. Chavan				
• Phone No.	02162234392				
• Mobile No:	9421122648				
• IQAC e-mail ID	ycisiqac@gmail.com				
3. Website address (Web link of the AQAR (Previous Academic Year))	http://ycis.ac.in/iqac_pdf/AQAR%202019-20.pdf				
4. Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	http://ycis.ac.in/academic_calendar.html				
5. Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	85.80	2004	16/02/2004	15/02/2009
Cycle 2	A	3.37	2010	04/09/2010	03/09/2015
Cycle 3	A+	3.57	2016	05/11/2016	04/11/2023
6. Date of Establishment of IQAC			10/01/2001		
7. Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?					

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Institute	Component 8: Enhancing Quality and Excellence in select Autonomous Colleges	RUSA	17/12/2018	5000000
Institute	Autonomous	UGC	28/02/2018	1100000
Institute	College with Potential for Excellence	UGC	15/10/2010	2500000
Institute	FIST	DST	15/11/2012	7000000
Institute	STAR College	DBT	10/09/2014	6900000
Dept. of Physics and Dept. of Electronics	CoC	UGC	16/10/2014	2000000
Institute	Paramarsh	UGC	07/03/2020	3000000

8. Provide details regarding the composition of the IQAC:

<ul style="list-style-type: none"> Upload the latest notification regarding the composition of the IQAC by the HEI 	View File	
9.No. of IQAC meetings held during the year	4	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	

10. Did IQAC receive funding from any funding agency to support its activities during the year?	Yes
• If yes, mention the amount	Rs. 1500000 under UGC-Paramarsh Scheme
11. Significant contributions made by IQAC during the current year (maximum five bullets)	
Participation in Government of India initiatives viz. NIRF, ARIIA and IIC ranking	
Organization of One Week Faculty Development Programs on 'Academic and Professional Development'	
Organization of NAAC and NEP-2020 related activities	
Organization of two international conferences (1. Electronics and computational science, 2. Life Sciences); two international webinar (1. Mathematics, 2. Data presentation in research articles) and over 50 webinar on recent updates in the subjects.	
Audits: ISO external audit, Academic and Administrative Audit; Autonomy Audit, Energy and Environmental Audit etc. Financial - Internal and external audits; AG audit for RUSA grants	
12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:	
Plan of Action	Achievements/Outcomes
Initiatives to combat with Covid-19	Institute framed SOP and displayed on the website, organized 03 workshops relevant to covid-19, awareness Quiz, Hackathon- Idea competition, Developed nanomaterial coated masks, designed and distributed face shield to front line workers.
Submission of proposals for initiating new programs as well as strengthening intake capacity of existing programs.	Proposals submitted to parent university for commencement of UG programs in 1. Drug Chemistry, 2. Material Science and PG programs in 1. Computer Science, 2. Fisheries, 3. Food Processing and Packaging. Moreover, proposals has been

	send for research centers in 1. Chemistry, 2. Zoology and 3. Physics. Proposals also sent for increasing intake capacity of 1. M.Sc. Physics, 2. M.Sc. Biotechnology and M.Sc. Chemistry (along with 3 new specializations).
Commencement of Skill/Add-on/capsule courses	76 skill courses, 16 add-on courses as well as 16 capsule courses has been implemented
Workshop on 'NAAC- Revised Accreditation Framework'	1. One day workshop on 'NAAC- Revised Accreditation Framework was organized (1June, 2020), 2. One day State level workshop was organized on 'Understanding NAAC Manual' (6th June, 2021)
Workshop on 'National Education Policy- 2020'.	One day National Level Workshop on NEP-2020 was organized (23-01-2021)
Organization of Student Induction Programs	1. Organized student induction programs for new entrants. 2. Organized student orientation programs for enrolled students.
National/International Webinars on recent updates in the subjects	Organization of two international conferences (1.Electronics and computational science, 2. Life Sciences); two international webinar (1. Mathematics, 2. Data presentation in research articles) and over 50 webinar on resent updates in the subjects.
Strengthening virtual platforms and devices for teaching-learning process under covid-19 pandemic.	1. Strengthened lecture capture system by procuring high end equipment's. 2. Procured license copies of virtual teaching-learning platforms
Workshop to students on use and operating Google Meet and other online platforms for Teaching-	One day workshop was organized for demonstrating usage of Google Meet and Zoom platforms.

learning process.	Google meet then regularly practiced for day-to-day teaching learning and online examination-evaluation process.
Knowledge bank facility	Institute created knowledge bank facility by recording lectures on different modules and uploaded on institutional YouTube channel.
Strengthening video-recording facility.	New equipment's purchased
Awareness workshop on 'Online Courses' to UG & PG students	62 student's and teachers online programs of NPTEL and other platforms.
Organization of different workshops	1. Research and Development, 2. e-content development, 3. Add-on/ short/ term/ skill/ capsule courses, 4. Scientific Review Writing and Handling Mendeley Software' etc.
One-week Faculty Development Program (FDP) on Academic and Professional Development to newly recruited teaching faculty	28 newly recruited faculty from host institute and 102 from Maharashtra and other states of the country were participated.
Workshop on mobile photography for Non-Teaching Staff.	Hands on training provided to 20 non-teaching staff.
Workshop on Effective Laboratory Management Skills for Non-Teaching Staff.	70 non-teaching staff benefitted through the workshop
Provision of research project grants under RUSA Component 8.	Rs. 33,50,000/-
Organization of YC Science Exhibition cum Fair	The institutional best practice was organized through e-platform
Workshop on Bloom's Taxonomy	All faculty members were benefitted through the workshop
13. Was the AQAR placed before the statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	

Name of the statutory body	Date of meeting(s)
College Development Committee	21/10/2021
14. Was the institutional data submitted to AISHE ?	Yes
<ul style="list-style-type: none"> Year 	
Year	Date of Submission
20/06/2020	23/12/2020
Extended Profile	
1. Programme	
1.1 Number of programmes offered during the year:	25
2. Student	
2.1 Total number of students during the year:	4235
2.2 Number of outgoing / final year students during the year:	1403
2.3 Number of students who appeared for the examinations conducted by the institution during the year:	4590
3. Academic	
3.1 Number of courses in all programmes during the year:	526
3.2 Number of full-time teachers during the year:	70

3.3	106
Number of sanctioned posts for the year:	
4.Institution	
4.1	2115
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	65
Total number of Classrooms and Seminar halls	
4.3	608
Total number of computers on campus for academic purposes	
4.4	180708173
Total expenditure, excluding salary, during the year (INR in Lakhs):	
Part B	
CURRICULAR ASPECTS	
1.1 - Curriculum Design and Development	
1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.	
<p>The curriculum of all programmes is developed in accordance with the Programme Objectives (PO's) and Programme Specific Outcomes (PSO's), which are in tune with the mission statements of the Institute. The process of developing the curriculum and the course content takes into consideration the feedback from different stakeholders, including academic and industrial experts, alumni and ensures that it has relevance to the local, regional, national, and global developmental needs. The curricula and course content thus framed are recommended by the Board of Studies and subsequently approved by Academic Council. An overview of the contribution to the developmental needs at various levels is as follows: Local and regional developmental needs The several courses in programmes such as Botany , Zoology, Physics, Microbiology, Fisheries, Chemistry etc. enables students to analyze the local and regional needs and provide solution based on their subject knowledge acquired. This</p>	

opportunity, at the same time, gives the students a real-life experience. The project component and the case studies embedded in specific courses gives leverage to the students to undertake the problems based on local relevance. In addition to this extension activities of different subjects enables the students to engage in interaction with villagers, farmers, government agencies in and around Satara city. National and global developmental needs To keep pace with the era of Information Technology and digitalization, the institute has introduced new B.Sc., Certificate, Diploma and Post graduate Diploma courses in the areas of Computer, IoT, Data Science, AI and ML, Cyber Security, Data Analytics, Biodiversity Conservation, Food Science, Tissue Culture, and others. Institute's Innovation Council and Entrepreneurship Development Cell organizes courses and activities to nurture the entrepreneurs and innovators. Additionally, courses are aimed at enhancing the entrepreneurship skills that are in accordance with Start-up policy of Government of India. This enhances the employability skills and entrepreneur skills of students. Courses that are in-tune with the national mission of 'Make-in-India' pave way for the economic growth of the nation. Courses also contain modules on impact of global climate change, waste management, energy conservation, Food and nutrition that sensitize the students about global issues. Co-curricular and extra-curricular activities (mandatory as part of the curriculum) are aligned with the holistic development of the student which has an impact on the national and global developmental needs.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	http://ycis.ac.in/yc_syllabus.html

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

25

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development

offered by the Institution during the year

179

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility**1.2.1 - Number of new courses introduced across all programmes offered during the year**

179

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

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

25

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human

Values, Environment and Sustainability, and Human Values into the curriculum

In 21st Century inculcation of cross-cutting issues of the society such as Moral Values, Human Values, Professional Ethics, Ethical Values, Gender Equality, Environmental Awareness, and sustainability are of equal importance to curriculum. Taking this into account the institute has made these cross-cutting issues inseparable part of the curriculum. A separate Add on course entitled Universal Human Values and Professional Ethics was conducted for B.Sc. III students. The course focused on understanding of human values and harmony in the family, society, nature, and existence. It also focused on the implication of this on holistic understanding of harmony on professional ethics. The faculty is encouraged to do FDP and Refresher course on Universal Human Values. The Institute administration celebrates National and International days such as Human Right Day, Independence Day, International Yoga Day, Republic Day, Women's Day, Teacher's day, Readers Day, No vehicle day etc. The aim of these celebrations of days is to develop the moral, ethical and social values in the students. Gender Sensitization: Department of English and Women Empowerment Committee has run "Gender Equity" course for Post graduate students. Ability Enhancement Course for B.Sc. I and III paper entitled English for Communication has Prose and Poetry units and Diploma Course in Personality Development and Soft Skills Development has units which address the gender issues. Statutory committees as well as other working committees such as Grievance Redressal Cell, Sexual Harassment Prevention Committee/ Internal Complain Committee, Student Counselling Cell, Ragging Prevention Committee, Vivek Vahini and Vidyan Manch, Human Values, Professional Ethics, Women Empowerment Cell (WEC) consistently strive hard to promote issues related to gender sensitivity in the college and conduct diverse programs to educate, sensitize students. It works for the welfare of the students and faculty by boosting their self-esteem and providing opportunity to assert their rights without limitations and restrictions such as in education, profession, and lifestyle. Women empowerment runs programs which will empower women to make their presence felt in the society. Environment and Sustainability: The curriculum of B.Sc. II has compulsory course on "Environment & Ecology" for creating knowledge and developing importance of environment among students. Along with the topics related to sustainable environment is included as an integral part of curriculum of some of the programs such as Biotechnology, Botany, Chemistry, Microbiology and Zoology. Students undertake research projects which address the environment and sustainability issues. Biodiversity is the very basis of human survival and economic well-being. Being located near the world heritage site i.e. Kas Plateau,

the institute has Science Association and Nature Club for students. This club organizes various awareness programs including Quiz competition, visits to biodiversity spots for students and development of strategies for its conservation. The Institute has an integrated rainwater harvesting System. There is an extensive ongoing tree plantation program.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

47

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

1703

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1742

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	http://ycis.ac.in/feedback_report.html
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	http://ycis.ac.in/feedback_report.html
Any additional information	No File Uploaded

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

4235

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

2466

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The institute at the beginning of the academic year 2020-21 identified the advanced (Talent Batch) and slow learners (Progressive Batch) from the UG third year students. Due to the pandemic situation the diagnostic tests were not taken, therefore the academically top 5% and least 5% students were considered as advanced and slow learners respectively based on their marks obtained in the second year. For the advanced learners in each semester unit tests were conducted to review their progress. For the slow learners, a set of assignments were given in each semester to monitor their comprehensives skills and help them get a hold over the subject. As a result, the slow learners were able to fare better in the exam in the final year. The advanced learners progressed for higher studies after their graduation.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://ycis.ac.in/OIP/OIPcellnew.html

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
15/03/2021	4235	171

File Description	Documents
Upload any additional information	No File Uploaded

2.3 - Teaching- Learning Process

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

The institute strongly believes in student-centric methods for the teaching-learning process. In the academic year 2020-21, due to the covid pandemic the entire learning process went online. We used the online platform to reach out to the students through G-Suite and Zoom applications. The practicals were conducted with the use of simulation platforms of V- labs of which our institute is a Nodal Centre. When the Covid relaxations were ensued we allowed the students to come to the institute exclusively for the practicals so that they were not bereft of the hands- on experience. Experiential learning was enabled through Practicals (online using V- labs, G-meet and offline), market surveys, case studies, projects, design and development of products, Industrial Internship and Research Training. Participative learning was enabled through online seminars, online poster presentations, online quiz sessions, group discussions, reader's club and offline model presentation. Online assignments, problem based assignments, crossword puzzles and innovative idea presentations were employed to enable Problem Solving methodologies. Apart from these methods employed by the faculty, various learning methods like book reviews, literature survey, case study, seminar, assignments were incorporated in the evaluation structure to enable the learning process to be student-centric. Apart from this the institute implemented three inquiry based learning activities in the academic year 2020-21 viz. Model based learning, Project based learning and PD3P4 (Project Design Develop Demonstrate Patent Prototype Presentation Publication). A total of 180 students from the first year undergraduate programs were a part of Model based learning. The project based learning was aimed at the second year undergraduate students for which 120 students participated. The PD3P4 approach aimed at the final year undergraduate and Masters students of which a total of 250 students were a part of. The three methods helped the students to come with interesting models in the model exhibition, presentation of their projects in the poster presentation and research publications of Bsc

III and MSc students which resulted in a 100 paper strong inhouse research journal.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	http://ycis.ac.in/MBL/MBL%20workshop%20report1.pdf

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

In 2020-21 to meet the Covid-induced hurdles the entire teaching-learning process was conducted online. The faculty recorded their lectures in the two audio- video recording studios and the lectures were put up on you-tube platform so that the students facing connectivity problems could indulge in self- paced learning. The Licensed G-Suite software and zoom applications enabled virtual classrooms, meets and exams with minimum discomfort. The faculty conducted online classrooms as per the scheduled teaching plan. We were able to complete the theory on time. The students used the e-library portal on the website for accessing e- books for reference. The faculty on their end also saw to it that the reference books and reading material were provided to the students regularly on google classroom and Whatsapp groups. Ours being an autonomous college, we could complete the internal as well as end semester exams before the other colleges under Shivaji University. Being a single faculty science college, practicals are an integral part of the curriculum. So the institute applied to V-labs and attained the status of Nodal Centre for virtual labs through which a number of practicals could be conducted for the students on the virtual platform. The online platform made it easy for the resource persons of the diploma and skill programs to connect with the students and impart the course related knowledge. We being the local chapter of NPTEL, 89 students from the Masters program enrolled for the NPTEL and SWAYAM courses of which 40 students were able to successfully complete the courses. The online webinars and conferences provided a platform for the Masters students to present their research work and interact with the scientific community and earn the required credits. The faculty also updated themselves through online FDPs, Orientation, Refresher and Swayam Courses. The ICT enabled tools were used efficiently by the faculty to complete the curriculum of academic year 2020-21 on time.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.youtube.com/channel/UCm99zofeDntni9N71V-Lc_A/playlists .
Upload any additional information	No File Uploaded

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

138

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

At the beginning of the session, with the background of relaxation of the pandemic induced rules the academic calendar of the institute was prepared. This was done through the IQAC in consultation with the administrative body of the institute consisting of the Director and Deans. The academic calendar implementation was faced with certain delays due to the new pandemic situation. But despite that all the activities planned at the beginning were completed in the online mode. Also all the teaching plans went smoothly online and we were able to complete the academic duties way before the Shivaji University norms.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

71 against 106 sanctioned posts

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

51

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1309.5 years (permanent); 1695 years (permanent +temporary)

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

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

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year**34**

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The examination procedures in the institute were being managed by the ETH software. In the academic year 2020-21, the institute shifted to indigenous rayat-erp software developed by the parent institute. The software was efficient in managing the online exams, paper setting and evaluation. But we faced challenges with the software in managing the overall results of the high number of students. This challenge we were posed with, helped us to work upon the lacunas of the software and we are on the way of developing customised tabs to meet the needs of the institute. Meanwhile the continuous evaluation process was being undertaken with the G- Suite platforms. The internal exams, assignments and submissions were managed on the google classroom platform. This proved instrumental in maintaining the records of the students by the faculty even in the online mode. We are hopeful that in the coming academic year the rayat-erp software will be incorporated with the features which will meet our requirements.

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

2.6 - Student Performance and Learning Outcomes

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

The Program Outcomes and Course Outcomes for all programmes have been designed as per the vision statement of the institute. They have been duly incorporated in the syllabus, verified by the BOS and approved by the Academic Council of the institute. Being an autonomous institute all our faculty members are automatically a part of their respective BoS. Being an integral part of the process of designing the syllabi, the outcomes of the programmes and courses are known to the teachers. Excellence in academics and research along with good placement and progression opportunities for our students are the main objectives with which our curricula are designed. The syllabi of the curricula are available on the institute website for all the stakeholders. At the beginning of the academic year, an online orientation programme which spanned seven days was conducted for the students, as per their programmes they were admitted in, to orient towards the expected outcomes of their programmes. An online meeting of the Director of the Institute and Deans was conducted with the parents of the students at the beginning of the academic year to make them aware about the expected outcomes of the programme their ward was enrolled in. Also the faculty made it a point to discuss the outcomes of the respective courses in their lectures. Hence, the outcomes of the programmes and courses are well communicated to all the stakeholders.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	http://ycis.ac.in/yc_syllabus.html

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The program outcomes for the academic year 2020-21 was determined by the following factors: 1) Academic Upliftment: Pass Percentage of Students in the Final Year of 2020-21 was 97.15% as against 93.86% in 2019-20. Progression of Students to higher studies in the year 2020-21 was 29.45% as against 22.5% in 2019-20. The academic performance of our students was better than the last academic year and also the number of our students progressed for higher studies also was encouraging. 2) Placement Competency: The placement percentage of the final year students was 19.10% against 37.13% in 2019-2020. This is attributed to economic slowdown induced by the COVID pandemic. But the median salary of our students placed showed

a positive trend compared to last year. The median salary of the UG students placed in 2020-21 was Rs 180000/- as against Rs 168000/- in 2019-20 and PG students placed was Rs 144000/-. The median salary of the PG students placed in 2020-21 was Rs 144000/- as against Rs 120000/- in 2019-20. 3) Research Competency: The students' research efforts initiated in-house Science Journal. The journal has 100 research papers contributed by the students of Bsc III and M. Sc students through their research in the PBL and PD3P4 approaches. The students of Masters program represented their research in the form of oral papers and posters in international webinars for which they got credits as per the evaluation structure of the institute. Also the participation of students in Hackathon of innovative ideas provided a boost to their research competency. Four students got a patent registered to their name which also was a positive step ahead both for the student as well as the institute. When we compare the performance of our students with the previous academic year we see a progressive trend in the attainment of our outcomes. In the coming academic year we plan to map the outcomes of programs and courses by the mapping method as followed by the engineering and management institutes.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	http://ycis.ac.in/Researchnew/reserachnew_%20home.html

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

1334

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	http://ycis.ac.in/examinations/examination.html

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

<http://ycis.ac.in/igac.html>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

Research Policy The reputation of any educational institution depends on research productivity leading to innovation which may further be converted to prototypes and products for human endeavor. The present policy aims to enhance the research culture of Yashavantrao Chavan Institute of Science, Satara. Our core strategies are to tackle the challenges of the 21st century in areas that are important for the technological advances, human health, and the environment through extensive core and multidisciplinary research. Our institute has been making consistent efforts to line up its research activities with the national importance for achieving technological self-reliance. Composition of Research and Development Committee. Research and Development Committee will have the following composition

- Principal
- Dean, Research and Development: Chairperson
- Teachers (5-7) - Members (from each specialized area)
- Industry/Academia representative (1) - Member
- Two Ph. D. student representatives - Members

The no of research committee members may be expanded with the inclusion of more members if necessary. Scope of the Research

Policy This policy is applicable to all the researchers working in the Institute and for the purpose of this policy 'researchers working in the Institute' are defined to include

1. All staff, temporary and management approved for general and professional courses.
2. All students pursuing their Ph.D. and M. Phil under the guidance of faculty of the Institute.
3. All Students engaged in research activities either for fulfilling the requirements of academic degrees or for solving problems.
4. The work undertaken which may add new information, science or expand the knowledge boundaries by analysis, synthesis and interpretation of ideas and information by making use of rigorous methodologies
5. Activities involving the generation of new ideas, innovations including design in any field of science which leads to the development of new knowledge.

Aim of the Research Policy:

- The ultimate aim of Research Policy is to ensure smooth functioning and effective management of R & D through Institutional Research Policy by providing conducive research environment to all the stakeholders of the institute to achieve excellence in research.

Objectives of the Research Policy

- To coordinate all research activities of the college by aligning them with the vision and missions of the institute and national development goals.
- To adopt a research code, which informs all researchers about the ethical and legal norms and principles to be followed in the conduct of research
- To strengthen the institutional research activities by generating Research Corpus Fund for supporting and facilitating research initiatives and projects of stakeholders.
- To establish research centers in various areas of research and modernize them to conduct research to fulfill the industrial needs which may eventually result in innovative products, processes and opens a new era of entrepreneurship for the young generation.
- To develop rules, procedures and guidelines for granting research support, instituting awards, and supporting all other

related activities.

- To appoint part-time Research Advisors working in national or International laboratories for availing their expert views to enhance the quality of research.
- To develop rules, procedures and guidelines for granting study leave, sabbatical leave, duty leave etc. for faculty members undertaking research activities.
- To identify and inform researchers working in the Institute about the appropriate research opportunities announced by different academic, research, industry or government organizations.
- To strengthen collaborative activities through Memorandum of Understanding (MOU) with academic institutes, industries, GOs and NGOs to share expertise through R & D projects, consultancy services and extension activities.
- To encourage and facilitate the publication of the research work/projects in reputed academic journals.
- To encourage and facilitate the presentation/communication of the research work/projects as well as their findings and recommendations through academic events such as conferences/workshops/seminars/guest lecturers etc.

Research Policy Implementation Mechanism The Research and Development Committee of the college shall be responsible for implementing this research policy of the Institute by working closely with the Institutional management. The specific roles and functions of the research committee will be as follows

1. Facilitate the faculty in undertaking research and will work with the Institutional management to generate a Research Corpus Fund for providing seed money to researchers working in the Institute.
2. Provide research facilities in terms of laboratory equipment, research journals and research incentives etc. required by the faculty.
3. All the researchers working in the Institute can avail the departmental and research laboratory equipment with prior permission of head/Incharge of respective department/laboratory.
4. Instrumental facilities available in the Common Facility Centre (CFC) will be made available to all the stakeholders as per the terms and conditions given by CFC in-charge.
5. Hands-on training is compulsory for sophisticated instruments in the Common Facility Centre (CFC).
6. Prior entry in the log book for all the instruments in the CFC and research laboratories is mandatory to ensure smooth

functioning and maintenance of instruments.

7. Laboratory cleanliness must be observed and standard methods should be followed for disposal of chemicals and other waste materials.
8. The sanctioning of sabbatical leave (for attending conferences/seminars/workshop etc.) will be under the jurisdiction of Head of the Institution/ Dean, Research and Development/ Head of Department.
9. Organization of workshops/ training programs / research sensitization programs by the institution to promote a research culture on campus.
10. To make provisions for outsourcing of the research facilities and expertise of the institute to industry and in turn encourage industry to sponsor research projects.
11. Promote the stakeholders to register IPR.
12. Develop and implement an official Code of Ethics to check malpractices and plagiarism in research.
13. Facilitate multidisciplinary research projects.
14. Create and maintain a database of research work and research projects undertaken by the faculty and students as well as collect data by metrics such as Citation Index, Impact Factor, h-index, SNIP, SJR, etc.
15. Publicize the research expertise and consultancy capabilities available in the institute.

CONSULTANCY STRATEGY

- The expertise of the faculties will be used to generate revenue through consultancy.
- To promote Consultancy Activities in the Institute, the revenue generated under the consultancies will be shared as 40% share of consultant, 40% share of the Department and 20% share of the Institute.

Seed Money Projects

- Seed Money will be provided to the researchers working in the Institute through a call for proposals which will be followed by scrutiny procedure consisting of presentation and interview of applicant by an Experts Panel.
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approval of the Head of the department and members of the research committee.

- It is mandatory for all PI's to acknowledge the Institute/CFC facility in the emerging publications.
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- The final audited statement of Expenditure and Utilization Certificate must be submitted in proper format and project completion report must be duly taken from the accounts section.

IPR documents and Patent:

- Financial assistance will be sanctioned to the inventors for registration of IPR provided that the invention application is filed through the institute.
- Before applying for IPR registration fees, the mail/letter should be taken from the patent attorney, certifying that "the prior art search is done and matter is patentable for filing IPR".

Note: For all the IPR filed through institutional financial support, the IPR rights will be reserved with the institute. Research Policy
The reputation of any educational institution depends on research productivity leading to innovation which may further be converted to prototypes and products for human endeavor. The present policy aims to enhance the research culture of Yashavantrao Chavan Institute of Science, Satara. Our core strategies are to tackle the challenges of the 21st century in areas that are important for the technological advances, human health, and the environment through extensive core and multidisciplinary research. Our institute has been making consistent efforts to line up its research activities with the national importance for achieving technological self-reliance. Composition of Research and Development Committee.
Research and Development Committee will have the following composition

- Principal
- Dean, Research and Development: Chairperson
- Teachers (5-7) - Members (from each specialized area)
- Industry/Academia representative (1) - Member
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Note: For all the IPR filed through institutional financial support, the IPR rights will be reserved with the institute.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	No File Uploaded
Provide URL of policy document on promotion of research uploaded on the website	http://ycis.ac.in/Researchnew/pdf/Research_Policy.pdf
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

345000

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

20

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

3675000

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

33

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://drive.google.com/file/d/1zJ6n8VnjTi3Thno9EgioqRW9q2qnKrtZ/view?usp=sharing
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

04

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

14

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://drive.google.com/file/d/1EQ1Oo_QtJRMANSWTw_X11eDN17mZ9mRi/view?usp=sharing
Any additional information	No File Uploaded

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

In this fast-growing and dynamic global scenario, use of the latest technology and innovations are of utmost essential for the success and growth of businesses. Today, more than ever, the industry requires competent candidates who are ready to take up the needs and challenges of the hour as an entrepreneur or as a ready competent

resource who can help to grow the business/industry. Yashavantrao Chavan institute of Science, Satara (Autonomous) have taken a step forward for this task and established a Center for Invention, innovation and Incubation to provide an ecosystem to identify, promote and support innovator and to convert their ideas to product/service. The center is a creativity incubator, focused on exploring how new and emerging technologies can fundamentally reshape the research, academic and service missions of the university. Working with innovation-minded people, we have built a model program that will elevate and inspire students who are solving problems, big and small, through our ever-changing technological environment. The center mainly function to Help innovators to develop new products, Promote technology start-ups, Provide high-end industrial training to increase chances of good quality jobs, Provide co-working space for young entrepreneurs for promotion of startups, Provide strong mentorship to those who want to invent new products, services and processes and to those who want to set up their own companies, Provide support for IPR and technology management - patents, copyrights, design registration etc. and its commercialization and to Create a mechanism for access to risk capital to startups like Seed Funding, Angel Investment, Venture Capital and Private Equity etc. Incubation center provides following facilities to the students:

- Industry and business mentoring
- Business planning and operating support
- Mentor network support
- Co-working workplace, meeting areas, demonstration and event space
- Access to funding opportunities
- Marketing and brand development support
- Business acceleration support linkages to key economic agencies, government bodies, industries and private enterprises
- Prototyping facilities
- Extended manufacturing support

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://yc-ciii.org/

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

File Description	Documents
Report of the events	No File Uploaded
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

10

File Description	Documents
URL to the research page on HEI website	http://ycis.ac.in/Researchnew/pdf/List%20of%20PhD%20Guides%20and%20Research%20Students..pdf
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website

during the year**1.30**

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year**0.167**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/16KGWivtvjXrWaUVkVJCmnnZcfsROTNqY/view?usp=sharing

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed**3.4.5.1 - Total number of Citations in Scopus during the year****466**

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University**3.4.6.1 - h-index of Scopus during the year****21**

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

366910

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	No File Uploaded
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

12000000

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	No File Uploaded
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The institute has well-defined extension activity policy. Apart from NSS, NCC, Red Cross; every department conducts at least two extension activities on annual basis. The institute have made financial provision for extension activities and every department is benefitted through the seed capital. In toto, 34 extension activities have been conducted per academic year.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://ycis.ac.in/extention.html

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

1

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	No File Uploaded
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

37

File Description	Documents
Reports of the events organized	View File
Any additional information	No File Uploaded

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

3307

File Description	Documents
Reports of the events	No File Uploaded
Any additional information	No File Uploaded

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

38

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

16

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

According to its vision and strategic objectives, the college has a system for the enhancement of infrastructure in order to foster a good teaching learning environment. The Institute provides enough physical infrastructure availability and efficient utilization in order to establish an environment of educational excellence through technologically advanced tools. At the beginning of academic years

the suggestions received from Heads of Departments and the Advisory Committee, regarding course requirements, computer student ratio, working condition of equipments, accordingly action was taken for replacement/up-gradation/addition of the existing infrastructure. When the need arises to augment infrastructure in terms of classrooms, laboratory books, furniture and other equipment, the time table committee work after for all these requirements to make available. The distinguishing features of the College are : support new teaching learning techniques viz. use of power point presentations, LCD projectors, and smart boards. Deployment and utilization of infrastructure and new technology ensured for conducting workshops, awareness programmes and training programmes. For smoothly functioning of these equipments and technology skilled persons are employed. In the light of current technological advancement the college has upgraded its infrastructure to meet teaching and learning requirements.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.ycis.ac.in/Infrastructure21.html

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

The Institution has enough facilities for cultural events, sports, games (indoor and outdoor), gyms, yoga center, and other similar activities. The Institute has 2 auditorium , One Open Theater for cultural activities. The Open Gym, Basketball Court, Gym and other sports facilities are provided to the students and faculty. The institution makes use of its resources to establish a positive environment for its students, encouraging them to participate in sports and extracurricular activities. This promotes holistic growth and a well-rounded personality. Students receive sports training from a skilled and experienced Physical Educational Instructor. Students who demonstrate exceptional abilities in various sports receive systematic training and support. These pupils are chosen through a process known as selection trials. They are prepared and encouraged to compete at many levels, including intra-college competitions, inter-university competitions, national competitions, and international competitions. The college regularly hosts intra-college events to encourage students for participate in large and minor events. Also, college provides funding facilities to economically poor sportsmans. Certificates of participation are

given to all participants. Trophies are awarded to the winning and runner-up teams. Awareness programme on yoga: College used auditorium and playground for yoga activities. Internal Yoga Day is conducted every year. This year a professional yoga trainer led a one week yoga awareness programme for teachers and students. There were separate trainers for the ladies and the gents at the event. Cultural activities are organized to showcase the student's talent. The college has Musical instruments , Auditorium and provided drapery for dance. The college is committed to the holistic development of its pupils. It continually pushes students to participate in extracurricular activities in order to temper their interest and develop their skills.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/drive/u/1/folders/1op3VL5n0vz9uCVVEGKmfyR4D01mwyduv

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

41

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

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

3,28,74,199

File Description	Documents
Upload audited utilization statements	No File Uploaded
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Yashavantrao Chavan Institute of Science, (Autonomous) Satara is using MKCL's Libreria is a premier state of art Library management system, designed and developed by Maharashtra Knowledge Corporation Ltd. (MKCL) to meet the needs of libraries both large and small. The software is designed to automate all functionalities and operations of library according to international standards. Libreria offers an efficient, flexible, cost effective and user-friendly systems for Academic libraries. This software is cloud based software and library partially computerized and it provide OPAC facilities through remote access to students and faculties to access the books by subject, author, accession number and title wise.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://libreria.org.in/YCISLibsatara/Default.aspx

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

465631

File Description	Documents
Audited statements of accounts	No File Uploaded
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)**4.2.4.1 - Number of teachers and students using the library per day during the year**

43

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

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

Yashavantrao Chavan Institute of Science, Satara has been at all times in the forefront in adopting advanced technologies and providing IT enabled services to all its stakeholders. The Institute has an Office of Information Technology (OIT) with adequate manpower which manages the entire IT infrastructure using appropriate budgetary provisions. Every year expanded budgetary provisions is planned for development of IT infrastructure. All the important events of the institute are made public regularly through the website so that the information is disseminated to all the stakeholders. The Institute has a consistent policy towards the use of IT in education which enables expansion and updating its IT facilities. Accordingly, institute expanded the WiFi facility to meet the growing needs of the departments and the library. The institute invested in TYPESET plagiarism software so the healthy research practices could be encouraged amongst the research community of the institute. The institute developed the advanced IT

facilities including high speed internet connection, 3600 camera for the effective use of G- Suite for the virtual lectures and for virtual events like seminars, workshops, trainings, meetings, etc. Along with this as an advanced learning facility for students, institute established the digital class rooms for every department. All admission related activities and examination related processes are conducted using digital platform. The institute shifted from private ETH software to indigenous rayat- erp software to manage the admissions and examination related processes. The shift was not smooth but it helped build on the features of the software so that it could be customized as per the needs of the institute. Office of Information Technology (OIT) has firewall security system for cyber security for data security purpose. OIT has allocated budget for updating IT facilities.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/drive/u/1/folders/1v63HDxw0CwbbBh1vqemopk4B3e4u7In7

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4235	608

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus A. 250 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development: Facilities available A. All four of the above

**for e-content development Media Centre
Audio-Visual Centre Lecture Capturing
System (LCS) Mixing equipments and
software for editing**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/u/1/folders/1MacTMCQSI780hvsIAj-xpH1SVGdvZuGO
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

2,00,49,580

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

The College has well established infrastructure facilities such as classrooms, laboratories, library, common amenities like girls' common room, Auditorium, seminal halls, Audio Visual room, indoor and outdoor game facilities etc. Institute has a building committee for infrastructure development and maintenance. This committee has plans and monitors the optimal utilization of allocated budget for maintenance and upgradation of infrastructure. Classrooms: Classroom being the most primary and important work space, it is managed with proper systems and procedures as recommended by the college. It is followed keeping in mind the modern teaching learning environment. College has 53 classrooms which are well equipped with all modern technology like the smart boards, mike systems, and other technologies for better and effective teaching. CCTVs installed in each classroom to make sure of the safety and the security of all students, teachers and equipment. cleaning and maintenance are done on a regular basis under the supervision of Registrar and office

superintendent of college. Laboratory: The Laboratory Assistant under the supervision of the HOD/Coordinator has managed requirements and purchases of chemicals, glasswares, equipment's and maintenance of laboratory with the help of Laboratory Attendant and peon. General Instructions to students regarding the safe and secure usage while in the laboratory are displayed in each lab. They have carried out Annual stock checking and withdrawal/Scrap. Repairs and maintenance are handled as per the common policy of the college. Laboratory has several instruments and equipment, the same is maintained through Common Facility Centre of college. Library: The library is partially automated. All technical activities, catalogue and circulation are automated. Library provide the academic and cocurricular facilities 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. Along with Main library, department wise libraries, additional library, PG Library, competitive exam library are also provided by college to students. Annual Stock taking of Library books has been conducted every three years and withdrawal of books as per changing the syllabus. Cleaning and maintenance of library has been done with the help of library staffs. 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. Committee has organizes various indoor and outdoor sports competitions for students at intra and intercollegiate level, university level etc. The celebration of the International Yoga Day has done every year and many students and staff participate in it. IT Facilities: The chairman and staff of OIT department 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 technical team. The internet / LAN facilities are also fully functional and are properly maintained and monitored by OIT Department. In case of any requirement of new or renewal of existing IT facilities in the various departments, the Departmental Heads used to place an order/ request through OIT Department. Hostels: College has boy's hostel with 75 capacity and girl's Hostel with 225capacity having various facilities such as Mess Hall, study room, Gym, solar system, pure water system etc. Cleanness has been done by daily wages workers and maintenance has

been done under supervision of college hostel committee. Canteens: Student friendly two canteens have been run by college. Every month college canteen committee visited and check-up of quality and quantity of foods, maintenance of canteen.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://ycis.ac.in/Infrastructure21.html

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

1967

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

43

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities
Soft Skills
Language and Communication Skills
Life Skills (Yoga, Physical fitness, Health and Hygiene)
Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	http://ycis.ac.in/aqar.html
Details of capability development and schemes	View File
Any additional information	No File Uploaded

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

3818

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	View File

5.2 - Student Progression	
5.2.1 - Number of outgoing students who got placement during the year	
275	
File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
5.2.2 - Number of outgoing students progressing to higher education	
256	
File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
Details of students who went for higher education	View File
Any additional information	No File Uploaded
5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year	
5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year	
23	
File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File
5.3 - Student Participation and Activities	
5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	
22	

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

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 college administration has actively solved many problems of the student's like-admission, availability of resources etc. Various active societies like library society, cultural activity society etc were form by student's council along with college management for smooth running of the tasks. 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, swach bharat abhiyan, blood donation camp etc. In the blood donation camp organize 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. Academic and administrative bodies and committees of the Institute. The following committees have student representatives: 1. Students Council and Election Committee 2. Anti-Ragging Committee 3. Sports Committee 4. NSS Committee 5. Alumni Association 6. Anti-Sexual Harassment Cell 7. Annual Magazine Committee 8. NCC committee 9. Nature Club 10. Vivek vahini and science association 11. Earn and Learn committee 12. Cultural Committee 13. Ex-ycians Association 14. Entrepreneurship development Cell 15. YC Science exhibition cum fair

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://ycis.ac.in/aqar.html

5.3.3 - Number of sports and cultural events / competitions organised by the institution

17

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to

the development of the institution through financial and other support services

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.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://ycis.ac.in/aqar.html

5.4.2 - Alumni's financial contribution during the year

C. 5 Lakhs - 10 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The vision of the institute is "To equip students with knowledge and scientific attitude to face in the world of technological change by means of teaching and training in science studies and to sustain the position as one of the best institute imparting quality education in science." The mission of the institute is to provide higher education in science to all and to pay special attention to downtrodden To enhance the knowledge generating capacity of the students in the globalizing environment, delivering superior and sustainable stakeholder values. To promote scientific temper among the youth especially from mofussil areas with a view to enable them awaken the masses intellectually. To promote qualitative research. To inculcate values like social equality, national integration, feeling of brotherhood and self-help. To give special attention to the women empowerment programs. 1) Enhancing overall quality performance standardized by National / International agencies. 2) Promoting Excellence in Science education. 3) Providing Employable education. 4) Continual faculty Up-gradation. 5) Promoting Research and Consultancy. 6) Perusing Industry- Institute interaction. 7) Continuous assessment of students. 8) Total personality development of students leading to socially Conscious citizens. The authorized team of the college involves Principal, Vice Principal, Deans, IQAC Coordinator, CoE and Chairpersons of various committees, teaching-staff, non-teaching and supporting staff, student's council, student representative (C.R.), stakeholders, alumni and local management. The principal is the chief monitors the mechanism regarding

administration and academic process. It also ensures proper functioning of the policies, rules and action-plans of the college. The heads of the departments / subjects are authorised to monitor the routine functions at the departmental level. There are 76 working committees are in existence to support the vision and mission of the college. All the committees take its responsibility for the plans and activities, and successfully tackles these responsibilities in every academic session. For academic performance meetings with HoD's and faculty of various departments are conducted. The financial requirements are proposed by various committees and the Principal and the CDC and Governing Body approves it.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	http://ycis.ac.in/iqac_pdf/College%20Committee%202020-21%20Final%208-8-2020.pdf

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The Institute has adopted decentralized and participative management to a great extent by allocation of responsibilities with Vice-Principal, Deans, Board of 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 Institute. The institute provides autonomy to various committees and Staff members holds various administrative positions in these committees and statutory bodies which are as follows: Vice Principal, IQAC Coordinator, Deans, Academic Registrar, HoDs, Finance officer, Member of Academic Council, Governing Body, College Development Committee, Chairperson for various working committees 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 Institute. 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.

File Description	Documents
Upload strategic plan and deployment documents on the website	No File Uploaded
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The institute have strategic plan. The following points have been considered for developing strategic plan of the institute, Admission of Students: 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. Curriculum Development: 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 fulfilment 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. 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. Teaching and Learning: 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, curricular, and extra-curricular activities are planned. Faculty prepares 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 reevaluation of answer scripts of the final examination. Two Online tests per year are conducted through the software. Industry Interaction / Collaboration: 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. Human Resource Management: Quality improvement strategies adopted for Human Resource Management: 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. 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. **Research and Development:** 1. The Institute has Research Advisory committee to monitor the research activities in the institute. 2. 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.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	http://ycis.ac.in/iqac_pdf/CODE%20OF%20CONDUCT.pdf
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

The institute has formulated following strategies for effective and efficient functions of working committees, appointment, service rules and procedures:

1. Various committees are formed for the smooth functioning of academic and administrative work.
2. A chairman and members are allotted to each working committee to smooth conduction of various committees.
3. A mentor from the Principal, Vice-Principal, and various deans are allotted to each committee. Mentors are providing the work

plan for each working committee allotted to them and they monitor the working of committees.

4. Institute has separately devised the Quality Improvement Program Committee and Quality Monitoring Committee under the mentorship of the Principal and IQAC Coordinator to monitor the functioning and performance of the working committees.
5. The appointments, service rules, and procedures for recruitment of human resources are carried out as per government rules and regulations.
6. The recruitment process is carried out by the Parent Institution. Promotion is given as per the Parent Institution's policy and as per the UGC norms.
7. Faculty training programs are organized for the faculty and supportive staff to upgrade their knowledge and skills.
8. Faculty are encouraged to participate in orientation, refresher, and short-term courses to update them in knowledge in their respective subjects.
9. Institute authorities' sanctions duty leave to the faculty for attendance of various conferences/ seminars/ symposia/ orientation/ refresher and short-term courses.
10. The Institute has Research, Development, Patent (Invention) & Extension committee to monitor the research activities in the institute.
11. Provision of seed money for research to the faculty as well as students to inculcate the research and faculty.
12. Incentives are given to the faculty to participate in the International and national conferences/ seminars/ symposia to present their research.
13. Faculty are encouraged and supported to apply for Major and Minor research projects from different funding agencies.
14. The Institute has a CIII center which provides research facilities and training in AI and other courses.
15. Industry-Academia meet is organized networking as well as to make the syllabus at par with the industry needs.

File Description	Documents
Paste link to Organogram on the institution webpage	Nil
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2.3 - Implementation of e-governance in

A. All of the above

**areas of operation: Administration Finance
and Accounts Student Admission and Support
Examination**

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The management of Rayat Shikshan Sanstha (Parent Institute) and the Institute has several welfare measures for the wellbeing of teaching and non-teaching staff. The list of existing Welfare measures by the management are as follows:

1. Financial assistance/loans such as personal loan, festive loan, housing loan, vehicle loan, emergency loan, educational loan, etc. The interest rates are minimum as per norms of RBI.
2. Job offers 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. A fundraising drive for the employee affected by an unforeseen calamity.

Healthcare measures by the Institute:

1. Free Blood check-up camp
2. 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. Best Non-Teaching Staff Award
8. Rayat Bank Loan facility
9. Insurance

The institute has several welfare measures for the wellbeing of students some of them are listed below:

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 as per the Government norms.
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
11. Several Institutional awards for meritorious students

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

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

08

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

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

07

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

63

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

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. The final salary and non-salary audit are 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.

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists

during the year (not covered in Criterion III and V) (INR in lakhs)

401563

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The Institute has constituted a Finance and Purchase Committee separately which is looking after the mobilisation of funds and its optimal utilization. The committee prepares the annual budget for the institute and provides the funds to each department. As per the funds allotted to the respective Department, each department has prepared the list of requirements (chemical, glassware and Equipment's). Purchase of chemicals and glassware's is done as per the directives of Central Rayat Store through calling up the quotations and after verification of obtained quotations by Purchase committee, the orders are placed to the vendor finalized by the Purchase committee. Equipment and Instruments are purchased via a centralized tender process using MKCL. In addition, Institute has allotted the coordinators and members separately for funding obtained from other agencies such as DBT-STAR and RUSA. The coordinator and committee members had frequent meetings and decided the plans for utilization of the funds as per the directives of funding agencies. Utilization certificates are prepared annually, the utilization certificates are verified internal and external auditors. After completion of audits, audited statement of expenditure is submitted annually to the respective funding agencies.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

For institutionalization and enhancing quality of institute in all spheres, various quality assurance strategies initiated by the IQAC through its academic calendar. The teaching faculty has been motivated for participation in faculty development programs, orientation, refresher as well as national and international conferences through financial support. The teacher-learning process and research has been strengthened through organization of faculty training programs and workshops. Financial support has been provided under seed money for doing research and filing patents. Moreover, the research attitude has been inculcated through implementation of project based learning, model based learning and PD3P4 learning modes. Quality sustenance has been assured through organization of various workshops on curriculum design, teaching learning process, evaluation, infrastructure, IPR, research methodology, NEP related initiatives, NAAC related workshops etc. Financial provision has been made for extension activities and best practices of various departments and institutional levels. The poor and needy students are provided with financial aid out of the college local funds. The college administration provides the transport facility to the needy students at lowest possible bus fare. College has started new UG programs in Drug Chemistry, Material Science and PG programs in Fisheries, Computer Science and Food Processing and Packaging. IQAC organized workshops on revised syllabus for improvement and better implementation of curriculum.

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

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Yashavantrao Chavan Institute of Science, Satara geared itself in 2020-21 to meet the Covid-induced hurdles in the teaching-learning process. To start with, the institute set up two audio- video recording studios with all the necessary infrastructure where the faculty could record their lectures. Each department was provided

with an independent microphone, teaching slate, interactive board and webcam to enable online lectures. The lectures were put up on you-tube platform so that the students facing connectivity problems could indulge in self-paced learning. Meanwhile a survey was undertaken by the class teachers to understand the connectivity situation within the student community of the institute. The institute then invested in G-Suite software and zoom platform. Both these platforms enabled virtual classrooms, meets and exams with minimum discomfort. With the growing need of the online mode of teaching broadband connections ranging from 40 Mbps and 100 Mbps were subscribed to. This helped the faculty to conduct online classrooms as per the scheduled time table. We were able to complete the theory on time. Our institute is a member of N- List to enable access of online books and reading material. Apart from this, the library also set up an e-library portal on the website from where the students could access e-books provided by faculty for their reference. The faculty on their end also saw to it that the reference books and reading material were provided to the students regularly. Ours being an autonomous college, we could complete the internal as well as end semester exams before the other colleges under Shivaji University. Being a single faculty science college, practicals are an integral part of the curriculum. So the institute applied to V-labs and attained the status of Nodal Centre for virtual labs through which a number of practicals could be conducted for the students on the virtual platform. We also scheduled a time table in which the students of Masters programme and final year UG could come to the institute for the practicals and their projects while following the covid protocols. As a result we were able to cover all the practicals and even the practicals exams were conducted on time. Apart from the syllabus of the regular curriculum, the teaching and evaluation of the Diploma and Skill courses were also completed on time. The online platform made it easy for the resource persons of these programs to connect with the students and impart the course related knowledge. We being the local chapter of NPTEL, 89 students from the Masters program enrolled for the NPTEL and SWAYAM courses of which 40 students were able to successfully complete the courses. Ours students were also able to complete their research and industry internships. The online webinars and conferences provided a platform for the Masters students to present their research work and interact with the scientific community and earn the required credits.

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

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	http://ycis.ac.in/meeting_minutes.html
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Gender equity is one of the important fundamental human right of every individual in the community to reach up to their full potential to get the equal rights, condition and opportunities to contribute to the development of the society. So, Institute has always believed in equitable distribution of power, opportunities and education resources regardless of gender. Institute has ethical workplace culture which prioritize rights of every employee, fair procedures and equity in pay and promotion. With respect to this, institute maintain inclusiveness which led to the enrollment of 44.61 % women staff and 57.14 % women student. Hence to maintain gender neutrality as regular practice we conducted various gender

equity programs as follows : Annual gender sensitization action plan taken in YCIS is as follows: Name of the Program Date No. of Participants Webinar on Women in Research" 22/10/2020 180 Awareness program on "Cyber Security and Law" 05/01/2021 250 Online Wallpaper Competition on "Savitribai Phule's Contribution in Women Education" 22/01/2021 28 Guest lecture on "International Day of Women and Girls in Science" 11/02/2021 320 Guest lecture on "Savitribai Phule-Pioneer of Women Education" 19/01/ 2021 90 "International Women's Day 12/03/2021 80 Entrepreneurship Opportunities for Women" 04-06-2021 400 Karmaveer Jayanti Virtual Competitions 15/09/2020 to 22/09/2020 300 Funding opportunities for Startups and Entrepreneurs 11-12-2020 250 Students counselling on orientation of mindset towards Higher Education" 13/01/21 262 Webinar on Foreign Scholarship opportunities 20 -05-2021 120 Gender sensitivity is an inherent value in the cultural ethos of the institute and its neighboring community, as is evident by the following facilities - (a)Safety and Security

- Security checkpoints at all campus entries and exits.
- Extensive surveillance network with 24x7 monitored control rooms.
- Rotational duty by all faculty members for discipline and security.
- Night Patrols by Security and non teaching staff.
- Strict implementation of Anti-Ragging and Anti-Smoking
- Separate hostels for men and women with dedicated wardens.
- The Institute is the preferred destination of parents for education of their female wards as evidenced by the Stakeholder Feedback.

(b)Counseling

- Formal and informal avenues for counseling male and female students and staff for academic and other issues/problems.
- Class and Proctorial Committees are available for counseling of both males and females' students.
- Grievance Redressal Committees for staff and students
- Gender sensitization workshops
- Faculty Placement Cells and Alumni Placement Assistance Cell
- Others - Entrance Exam Counseling, Career Counseling, Orientation Programmes for Teachers and Students.

(a)Common Rooms:

- In this institute , common rooms have been allocated for men and women differently.

Additional initiatives ensure active participation of students in co-curricular activities including sports as it is a compulsory core course in all UG programmes and also at intra- faculty, inter-faculty and inter-university levels. Our institute has been successful in caring for its diverse students and staff population harmoniously in its efforts to steadily achieve its vision and mission.

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

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

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

The institute has always been very conscious of generating less waste by accepting 3 R's in regular practice viz. REDUCE, REUSE, and RECYCLE. For waste management Institute segregates the waste into three parts: 1.Solid Waste 2.Liquid Waste 3.Hazardous Lab Waste All sorts of waste generated in routine activities like mostly paper, plastics, glass, metals, foods, etc. are segregated at each level and source. The block safai workers in each floor collect, clean, segregate and compile the waste in the dustbins (Green and Blue) provided in each department. These wastes are taken to the dumping yard provided by the College. Post segregation they are divided into two wastes i.e. Biodegradable and non biodegradable . Biodegradable waste management For managing Biodegradable waste, all the organic waste collected from laboratories, botanical garden and Canteen is used for Vermicomposting which is runned by Zoology department.. The obtained compost is used as biofertilizer for plantation throughout institute area. Disposal of Biomedical waste

: This kind of waste is generally found biological labs. Therefore special care is taken to dispose this biomedical waste into particular dustbins that contains pricked lancets, cotton waste, injections, waste of treated animals used for experiments latex gloves etc. Management of Non-biodegradable waste As Non-biodegradable wastes like plastic bags, glass bottles, electronic wastes etc., can't be broken down by decomposers, their disposal poses a big problem. So we have managed by practicing the concept of 3Rs i.e. Reduce, Reuse, and Recycle. Reduce: All the department are communicated to order the materials as per requirement only to avoid any wastage of material. Also, we have mostly avoided use of disposable items plastic bag, disposable napkins, disposable dishes etc. Further, we make use of old newspapers for packaging and cloth napkins in place of disposable ones. Reuse: Institute has put a ban on plastic items in the premises. But previous plastic items if any are observed are reused for more than one purpose to help reducing the waste. Like: Glasswares, bottles, chemicals are reused for practical's, Recycle: Most of the waste collected from various departments like glass, metal, plastic, and paper are collected, separated, and recycled to make new things. Like: Collection of cloth bag that are used to wrap the exam paper during examination are used for preparing a cloth cover for various instruments By following the 3Rs concept, we can manage the garbage generated in our surroundings so that it is beneficial to the environment. For E-waste: Flip flops, memory chips, motherboard, compact discs, cartridges etc generated by electronic equipments such as Computers, Radio, TV, Phones, Printers, Fax and Photocopy machines are recycled properly. The e-waste generated from hardware which cannot be reused or recycled is being disposed off centrally Sanstha authorized vendors (As per MoU with Mahalaxmi recyclers)

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

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

A. Any 4 or all of the above

campus	
File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded
7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping 	A. Any 4 or All of the above
File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded
7.1.6 - Quality audits on environment and energy undertaken by the institution	
7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities 	A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

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

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

Consistent efforts had been taken by Institute to provide an inclusive environment by promoting harmony towards cultural, regional, linguistic, communal, socioeconomic and other diversities, institute organized different activities for everyone irrespective of their caste, creed, color, sex or socioeconomic background. Some of them includes celebration of Teacher's day, Faculty Development Program on Academic and Professional development, workshop on NEP

Policy 2020, Consumerism and Financial Literacy for the teachers, In spite of being Science stream, to aware all regarding linguistic diversity Marathi Bhasha din, Reading inspiration day were also celebrated for the students along with Alumni Meet, Rojgar Melava, Cyber Security and Law, Fire Prevention and Remedies and Lift Safety, NCC blood Donation Camp, which establishes positive interaction among people of different cultural backgrounds. There are also different grievance redressal cells in the institute like Student grievance redressal cell, Women grievance redressal cell which deal with grievances without considering anyone's cultural background. To strengthen the mental health along with the physical fitness celebration of Yoga Day and various workshops were conducted by the institute such as Induction Program on Student Psychology, Risk of Social Isolation and Human Behaviour, survey on mental health assessment. Other communal activities such as World Wild Life Week, Zoo-Fi Activity which represents the environmental diversity and concern were also conducted by the institute. Institute celebrates Karmaveer Jayanti every year on 22nd September in memory of Padmabhushan Karmaveer Anna-The Founder of Rayat Shikshan Sanstha. On this occasion various competitions were arranged virtually for the first time due to pandemic situation. The students enthusiastically participated in various science based and innovative programs which have enriched the awareness about these aspects.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

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

Institute always contribute and tries to sensitize the stakeholders of the institute to the constitutional obligations i.e., values, rights, duties and responsibilities of citizens. On the National days i.e. The Independence Day and The Republic Day, the National flag of India is saluted. National song is also sung on this occasion. To abide of fundamental rights and duties are stated along with taking the oath of saving constitutional values. To remind the duties and responsibilities of the citizens, programs on occasion of Constitution day, National voter's day on 25 January, the Voter awareness programs, to motivate students for voting, were arranged in institute which defines the values of human dignity, equality,

Social justice, Human rights and freedom and thus helped to boost our democracy. To make them aware of importance of environment which is sole responsibility of every citizen to protect its mother nature Tree plantation programs were conducted along with a guest lecture was arranged on "Need of Environment protection act". Also workshop on teacher's training and student awareness about violation of law was conducted. The NSS unit of college always participate actively in promoting social awareness by conducting cleanliness drive which includes cleaning of public parks, Statue Cleaning activity, Road Safety Awareness Programs successfully. Further to make them aware of their fundamental right and duties in 21st century various extension activities are conducted such as Digital Literacy, Food Standards and Specifications were organized, while to imbibe dignity towards nation a pledge against corruption was taken, an awareness programs regarding E-Waste management were also fruitful in conveying values and rights towards society. Apart from regular programs institute has incorporated a value added course to B.Sc III students on " Universal Human values and professional ethics " to inculcate holistic perspective and develop harmony in self, family, society and nature.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

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

A. All of the above

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	No File Uploaded

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

The institute celebrates national and international commemorative days, events and festivals every year and make the students and faculty to participate. Some of them are listed here. Savitribai Phule Jayanti: 3rd January 2021: To throw a light on the great work by "Yugaswamini Krantijyoti Savirtibai Phule" in womens education in India, a guest lecture by Dr. Nalini Mahadik was arranged in institute and also Women Empowerment Committee organized Wallpaper Competition based on theme of Savitribai Phule's Contribution In Women Education" in which students participated very enthusiastically. Republic Day: 26th January, 2021 Republic Day the date on which the Constitution of India came into effect on 26 January 1950 replacing the Government of India Act (1935) as the governing document of India and thus, turning the nation into a newly formed republic. The Independence Day and The Republic Day, the National flag of India is saluted. National song is also sung on this occasion. To abide of fundamental rights, fundamental duties are stated along with taking the oath of saving constitutional values. National Science Day: 28th February: To recognize the outstanding contribution in the field of science and to spread the importance of science among people institute celebrated Science Day by arranging various competitions for students such as debates, quiz competitions, lectures, science model exhibition etc. International Womens Day: 8th March, International Women's Day is a time to celebrate acts of courage and determination by ordinary women, who have played an extraordinary role in the history of their countries and communities. Institute celebrated International Women's Day on 12th March, 2020 since 8 March 2020 being Sunday. At this occasion along with the guest lecture, women working for institute were felicitated at the auspicious hands of Principal. Including felicitation of Mrs. B. J. Nipane was for her unending administartive work, special felicitation was rewarded to ladies

Mrs. Rupali Jadhav, Mrs. Sarika Sathe, Mrs. Vasanti Kharat, Mrs. Tabbasum Shaikh and Mrs. Ruksana Shaikh from non-teaching staff for their remarkable work in maintaining college campus healthy, clean and green. Also guest lecture was arranged. World Environmental Day: 5th June To create awareness and to protect our environment, institute tries to sensitize students regarding environmental issues through arranging various programs such as Cleanliness drives through NCC. The day raises awareness about the environmental issues like global warming, marine pollution, human over-population, protection of wildlife, and sustainable consumption. Students of all departments are made to exhibit posters through online highlighting the importance of environment. International Yoga Day-21st June For making people aware of physical and mental illnesses and providing solutions through yoga institute arranged many activities with the aims to develop a habit of meditation for peace of mind, self-awareness necessary to survive in a stress free environment. Sports Department organized a small workshop on Yoga and its significance to students and Faculty Members. The Independence Day-15th August, marks the end of British rule in 1947 and the establishment of a free and independent Indian nation. It also marks the anniversary of the partition of the subcontinent into two countries, India and Pakistan, which occurred at midnight on August 14-15, 1947. World Entrepreneurship Day: To create awareness about the Entrepreneurial ecosystem, Challenges faced in entrepreneurial journey and to avail the faculty with entrepreneurship mindset, one-day online seminar on "Development of Entrepreneurship and Startup Ecosystem in Campus" was organized on 26th August 2021 in association with Entrepreneurship Development Cell of the institute. Teachers Day: 05 September, 2020 Teacher's Day is celebrated to acknowledge the challenges, hardships, and the special role that teachers play in our lives. Teachers Day is one such event for which students and teachers equally look forward to. Students of all departments organizes Teachers day and facilitate faculty members and conduct few events. Gandhi Jayanthi: 02nd October Honours Mahatma Gandhi's role in Indian Independence. Community, historical celebrations. Gandhi Jayanti is an event celebrated in India to mark the birthday of Mahatma Gandhi. It is celebrated annually on 2 October.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

BEST PRACTICE - 1

1. Title of the Practice: Earn and learn scheme for economically backward students.
2. Objectives of the Practice:
 - To provide financial assistance to the financially backward and needy students
 - To motivate students for self-employment
 - To make students aware about work culture
 - To develop a student as a multifaceted personality with academic excellence and a commitment to an egalitarian society
 - To encourage young students to learn about dignity of labour.
 - To prevent students from avoidable distractions and engage them in meaningful, positive activities.
1. Context: The founder of Rayat Shikshan Sanstha and eminent educationalist Padambhushan Dr. Karmaveer Bhaurao Patil 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.
2. 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

as a proof for being economically backward. The students enrolled under this scheme are allotted with 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 allotted, it is made sure that selected students get equal opportunity to perform different kinds of activities such as technical work, fieldwork. Office work consists of working at the library and office of the institute. Technical work consist Knowledge of computers, handling 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 with honorarium of Rs. 25 per hour. Payment is made as per the attendance sheet, which is maintained by the college.

5.Evidence of Success: The Earn and Learn Scheme provide financial help to needy students so that they can continue their studies by earning while learning. Moreover, the values such as self-reliance, confidence, dignity of labor 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 labor is imbibed through this scheme among the students and the students earn while they learn. Though due to pandemic situation colleges were closed and scheme student dint get chance to work in the premises , various online programs were conducted to enhance their skills and develop their personality.

6.Problems encountered and resources required Due to covid pandemic situation students are allowed to be present in college campus from month of February 2020. Hence, process like registration, interview of candidates and selection of students were completed in semester I. The actual work was started from second semester from 15th March 2021
BEST PRACTICE - 2 Title: YC Science Exhibition cum fair: - The training ground of Entrepreneurs. 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.

Practice: Due to the Covid norms, YC Science fair cum exhibition couldn't take place physically. But since our students were working hard not only for the academics but also towards innovations, we decided to provide a virtual platform to the students to showcase their ideas and skills to the world. The online YC Science fair cum exhibition 2020-2021 was inaugurated on 25th June 2021 at 11.00 am using the zoom platform. Dr. H. P. Umap introduced the concept and purpose of online YC Fair cum Exhibition 2020-2021. Prof. Dr. V. Y. Deshpande introduced the guests of honor. The exhibition was inaugurated at the hands of the chief guest Hon. Deputy Municipal Commissioner, Thane, Ms. Ashwini Waghmale and the president of inaugural Function Hon. Dr. Anil Patil, Chairman, Rayat Shikshan Sanstha in the presence of Hon. Principal Dr. B. T. Jadhav, Hon. Vice Principal Prof. Dr. V. Y. Deshpande, Hon. Food and Safety Officer Mr Rohan Shah, Coordinator of YC Science Fair cum Exhibition Dr. H. P. Umap, all deans, faculty and students. In her address, the chief guest Ms. Ashwini Waghmale (an alumni of the institute), expressed her gratitude to the institute in instilling the scientific attitude. She praised the idea of the online YC Fair cum exhibition. Hon. Dr. Anil Patil in his presidential speech expressed his encouragement to the innovative approach of YC Fair and assured that keeping in view the radical changes in the education field, Rayat Shikshan Sanstha would provide all opportunities to students to compete at the global level. Prin. Dr. B. T. Jadhav further discussed that Covid pandemic has brought in a hidden opportunity for our students to venture into online promotions and marketing. He also informed about possible collaboration with BVG group and Rayat Shikshan Sanstha for Research and Development Cell through which Earn and learn Scheme students would benefit. Evidence of success : This year a total of 36 stalls were put by various departments of the institute. As it was held virtually, videos of each product were prepared and up to 350 videos have been put on the YC Science Fair cum exhibition link on the website www.ycis.ac.in. This online YC Science fair cum exhibition provided students with an opportunity to do something exceptional apart from regular academics through online mode. The students were able to promote their products through online mode by preparing informative videos of their creations. To visualize this virtual expo stalls of various departments link was made open to all where departments, their achievements, their innovations, their research, the best practices and the products were showcased. The showcased products were sold out to interested customer through the online booking portal which was later home delivered within the specified time. Thus, the unique

feature of Online YC Science Fair cum exhibition 2020-21 was the Online Booking and Sales Outlet for the products made by the students. The response and efforts taken by the students to materialize this concept of online YC science fair cum exhibition was overwhelming. Problems encountered and resources required: Due to pandemic situation ,Institute was unable to conduct the fair in physical presence as done in previous years but nevertheless to cope up with the situation institute organized the fair through online mode by presenting a virtual expo of stalls of various departments and selling the products by online booking through sales outlet . Future Plans : To develop YC student consumer store house to sell out the products prepared by students. This online outlet will be a regular feature on the institute's website which will be managed by the Earn and Learn Scheme students throughout the year.

File Description	Documents
Best practices in the Institutional website	http://fair.ycis.ac.in/index.html
Any other relevant information	http://ycis.ac.in/earnlearn.html

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

VISION: The institute has its vision to create a culture that encourages innovations and creativities in research and increase the impact of research for the society. **PRIORITIES**

- To inculcate the research attitude at UG and PG levels.
- To enhance the public and private partnerships which ensures wellbeing of society.
- To create an innovation ecosystem to set up start-ups supporting mechanism in HEIs.
- To prepare institute for participation in different initiatives of Govt.of India.
- To nurture the ideas though invention, innovation and incubation center.

WORKOUT ON THRUST AREA

1. Provision of institutional research corpus and seed money for projects.
2. Advanced instrumentation center with high end research

instruments.

3. Yashavantrao Chavan Centre for Invention, Innovation and Incubation (YC-CIII) in support with RUSA, TATA Technologies and SciTech Park.
4. MoU, collaboration and linkages with national and international institutes/ organizations/laboratories.
5. Organization of conferences/seminar/webinars/symposia.
6. Establishment of research centres.
7. Conduction of Avishkar competition
8. Institutional Research Journal.

PERFORMANCE:

- Research grants under RUSA: Rs. 34,75,000/-, DBT STAR: 2,00,000/-, Institutional seed money: 3,45,000/-
- International conferences: 02; National: Webinars: 42, Seminar: 07; IPR related workshop: 03
- Research guides: 27; Research students: 109
- Research promotion initiatives and activities: 17

- Innovation Ambassador's trained by MoE, Govt. of India: 10
- Research promotion through implementation of MBL, PBL and PD3P4.
- Hackathon - an initiative to nurture student ideas and its conversion into prototypes, products and patents.
- Launching 'Science Research Journal'.

OUTCOME:

- Research publications: 88 (Scopus and UGC care list)
- Patent: 02 granted and 08 filed.
- Ph.D. degree awarded: 08;
- Recognition as PERFORMER in ARIIA, a flagship program of MoE, Govt. of India.
- 4 Star rating to institution innovation council (IIC) by MoE, Govt. of India.
- NIRF rank band = 101-150 by MoE, Govt. of India.
- 100 research articles by students in In-house 'Science Research Journal'
- Participation in MBL: 222, PBL: 100 and PD3P4: 125.
- Hackathon: 210 innovative ideas collected; Recommendations: 50 prototypes, 02 products, 1 patent.
- Start-ups registered = 01 (total = 05)
- 2 faculty members in top 2% Global Scientists Ranking by AD Scientific Index.

File Description	Documents
Appropriate link in the institutional website	http://ycis.ac.in/Researchnew/researchnew_20home.html
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1) Commencement of new UG programs (Drug Chemistry, Material Science) and PG programs (Food Processing and Packaging, Computer Science, Fisheries) 2) Organization of International Conferences w.r.t. Chemical Sciences, English Literature and Health and Fitness. 3) Organization of UGC-HRDC supported One Week FDP on Research in Sciences 4) Establishment of Start-up Clinic 5) Organization of Industry -Academic interface meet 6) Participation in NIRF, ARIIA, IIC - Govt initiatives 7) Organization Hackathon - an innovation promotion initiative 8) Organization of subject specific hands on training programs 9) Establishment sericulture lab and research centre 10) Procurement of research instruments. 11) Initiation of institutional research awards under autonomy. 12) Organization of faculty development program related to entrepreneurship 13) Organization of NAAC and NEP - 2020 related activities 14) Submission of utilization, and progress report on completion of UGC-Paramarsh Scheme. 15) Motivation to mentee colleges for participation in NAAC process. 16) Organization of training/workshops for teaching and non-teaching staff. 17) IPR, innovation, technology transfer related activities 18) Conduction of different audits viz. academic, administrative, non-teaching, green audit, energy audit etc. 19) Preparations for Cluster University