



Yearly Status Report - 2018-2019

Part A

Data of the Institution

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

2. Institutional Status																															
Autonomous Status (Provide date of Conformant of Autonomous Status)	28-Feb-2018																														
Type of Institution	Co-education																														
Location	Urban																														
Financial Status	state																														
Name of the IQAC co-ordinator/Director	Dr. Jaykumar J. Chavan																														
Phone no/Alternate Phone no.	02162234392																														
Mobile no.	9421122648																														
Registered Email	ycisiqac@gmail.com																														
Alternate Email	jaychavansu@gmail.com																														
3. Website Address																															
Web-link of the AQAR: (Previous Academic Year)	http://ycis.ac.in/aqar.html																														
4. Whether Academic Calendar prepared during the year	Yes																														
if yes,whether it is uploaded in the institutional website: Weblink :	http://ycis.ac.in/iqac_aca_calender.html																														
5. Accrediation Details																															
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>A+</td> <td>3.57</td> <td>2016</td> <td>05-Nov-2016</td> <td>04-Nov-2023</td> </tr> <tr> <td>2</td> <td>A</td> <td>3.37</td> <td>2010</td> <td>04-Sep-2010</td> <td>03-Sep-2015</td> </tr> <tr> <td>1</td> <td>A</td> <td>85.80</td> <td>2004</td> <td>16-Feb-2004</td> <td>15-Feb-2009</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	3	A+	3.57	2016	05-Nov-2016	04-Nov-2023	2	A	3.37	2010	04-Sep-2010	03-Sep-2015	1	A	85.80	2004	16-Feb-2004	15-Feb-2009
Cycle	Grade	CGPA	Year of Accrediation	Validity																											
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2	A	3.37	2010	04-Sep-2010	03-Sep-2015																										
1	A	85.80	2004	16-Feb-2004	15-Feb-2009																										
6. Date of Establishment of IQAC	10-Jan-2001																														
7. Internal Quality Assurance System																															
Quality initiatives by IQAC during the year for promoting quality culture																															

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
No Data Entered/Not Applicable!!!		
View File		

8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
View File				

9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	2
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
12. Significant contributions made by IQAC during the current year(maximum five bullets)	
No Data Entered/Not Applicable!!!	

[View File](#)

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

Plan of Action	Achievements/Outcomes
No Data Entered/Not Applicable!!!	
View File	

14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
College Development Committee	14-Sep-2019
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	21-Nov-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	The institute have its management information system for 1. Planning and Development 2. Administration 3. Finance and Accounts 4. Student Admission and Support 5. Examination Moreover, Office of Information Technology supports the administration in several ways.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
No Data Entered/Not Applicable !!!			
View File			

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
No Data Entered/Not Applicable !!!				
View File				

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
View File		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	B. Sc. I Chemistry	15/06/2018
BSc	B. Sc. I Physics	15/06/2018
BSc	B. Sc. I Computer Science	15/06/2018
BSc	B. Sc. I Microbiology	15/06/2018
BSc	B. Sc. I Statistics	15/06/2018
BSc	B. Sc. I Botany	15/06/2018
BSc	B. Sc. I Mathematics	15/06/2018
BSc	B. Sc. I Zoology	15/06/2018
BSc	B. Sc. I Electronics	15/06/2018
BSc	B. Sc. I English	15/06/2018
BSc	B. Sc. I Computer Science Entire	15/06/2018
BSc	B.Sc. I Biotechnology	15/06/2018
BSc	B.Sc. I Nanoscience and Technology	15/06/2018
BSc	B.Sc. I Forensic Science	15/06/2018
BSc	B.Sc. I Food Processing & Packaging	15/06/2018
MSc	M. Sc. I Chemistry	15/06/2018
MSc	M. Sc. I Physics	15/06/2018
MSc	M. Sc. I Botany	15/06/2018
MSc	M. Sc. I Zoology	15/06/2018
MSc	M. Sc. I Applied Microbiology	15/06/2018
MSc	M. Sc. I Mathematics	15/06/2018
MSc	M. Sc. I Statistics	15/06/2018
MSc	M. Sc. I Electronics	15/06/2018
MSc	M. Sc. I Biotechnology	15/06/2018
BSc	B.Sc. I Animation Science	15/06/2018
BVoc	B. Voc. I Software Developmen	15/06/2018

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
No Data Entered/Not Applicable !!!		
No file uploaded.		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
No Data Entered/Not Applicable !!!		
View File		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>The institute have well-structured feedback mechanism through feedback committee. Annually, the feedback is received from all the stakeholder including students, teachers, employers, alumni and parents. The institute collects the feedback of stakeholders through online system especially using Google forms/Google docs. The feedback collected from the stakeholders are carefully analyzed, discussed and appropriate actions are initiated at various bodies including Internal Quality Assurance Cell, College Development Committee, Academic Council, Governing Council etc. It is also communicated to faculty and heads of the departments and necessary measures are taken. The feedback received and action taken report are made available for stakeholders on institutional website. The feedback from students, parents, employers, teachers and alumni help in reviewing the activities and further improvising them. Alumni feedback has helped in refinement of curriculum. IQAC of the Institute has a member representing the Industry, who helps in providing feedback and expectations of the industry with respect to curriculum and employability. As per the feedback from students and stakeholders, Institute has started new programs such as B.Sc. in food processing and packaging, M.Sc. Biotechnology and M.Sc. Electronics. The feedback received from the students based on curriculum are analyzed and appropriate suggestions are conveyed to Board of Studies (BoS) of respective subjects. The heads of departments collect feedback from the faculty regarding the punctuality, attendance for the unit tests and internal exams to identify the students at risk of drop out. As per the suggestions received from employers, the institute introduced new age short term courses such as Artificial Intelligence (AI), Robotics, Cyber Security etc. Periodical parent's meets are helpful for improvement of infrastructural and other related facilities in the campus. The library collects feedback on a regular basis from students and staff. Feedback forms are collected from the students, analyzed and library services are improved accordingly. In addition, a Suggestion Box is placed in the library. The feedback from the stakeholders helps for fulfilling following quality policies, ? Enhancing overall quality performance standardized by National / International agencies. ? Promoting Excellence in Science education. ? Providing Employable education. ? Continual faculty Up-gradation. ? Promoting Research and Consultancy. ? Pursuing Industry- Institute interaction. ? Continuous assessment of students ? Personality development of students leading to socially conscious citizens Following efforts have been continuously made to achieve above quality policies: ? Attendance of Students ? National and International Conferences ?</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
No Data Entered/Not Applicable !!!				
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	3381	442	223	25	198

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
223	223	7	17	9	7
View File of ICT Tools and resources					
View File of E-resources and techniques used					

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

The primary duty of all teachers is to be a guiding light for their students. All our faculty members are excellent mentors to their students. In order to make the mentoring system more organized, each teacher in our institute is a parent teacher to at-least 15 students. At the beginning of the year, the students are assigned to the teachers. A form is filled up by the students having their personal and academic details. In the academic year a minimum of six meetings between the parent teacher and ward student is mandatory. In the meetings the line of discussion is to ensure the student that he is being looked after and that his progress is being personally monitored. The students whose academic progress report is on the declining pathway are counselled by the parent teachers and if the need arises are also personally coached by them. The biggest aim of this scheme is to ensure the students that they have an attentive person in the institute with whom they can discuss their problems and get a probable guidance towards solving it. Most of our students come from rural and agricultural background. Economic constraint is the biggest difficulty faced by most of them. The parent teachers task is also to identify such students and make them aware about free-ships, scholarship schemes and the earn and learn scheme. The Earn and Learn Scheme is a unique practice initiated by Karmaveer Bhaurao Patil, the founder of our parent institute Rayat Shikshan Sanstha. The practice aims at making the students independent and take responsibility of their academic expenses. The students are assigned to work for the college by spending two hours a day either in the Library, Garden, Departments or Office. The students are given remuneration for the services provided by them which helps them meet their college expenses. It is our experience that the students working in this scheme tend to value the importance of education more than free-ships allotted to them. The parent teachers at their level counsel the students and if the need arises bring the students counselling cell in the picture. The Students Counselling Cell is a committee of teachers and a counselor. The counselor is available weekly with whom the students can meet in the campus and discuss their problems. The student counselling cell

also refers the students suggested by parent teachers in need of counselling to the counselor. If the need arises psychological counselling by eminent doctors in the city is also enabled. All the above committees work is evaluated twice a year to maintain transparency and effectiveness in their important role as the mentoring backbone of our institute.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3823	223	1:17

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
247	223	24	Nil	32

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			
View File			

2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
98	3285	2.8

2.6 – Student Performance and Learning Outcomes

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

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

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
No Data Entered/Not Applicable !!!					

[View File](#)

2.7 – Student Satisfaction Survey

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

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

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

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

Nil

[View File](#)

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

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
No Data Entered/Not Applicable !!!				
View File				

3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				
View File				

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

0.07

3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
No Data Entered/Not Applicable !!!		
View File		

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
No file uploaded.				

3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

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

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Chemistry	2
Botany	2
Physics	3
Microbiology	2

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

Type	Department	Number of Publication	Average Impact Factor (if any)
No Data Entered/Not Applicable !!!			
View File			

3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Chemistry	2
English	1
No file uploaded.	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			
View File			

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
View File						

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

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

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

Number of Faculty	International	National	State	Local
No Data Entered/Not Applicable !!!				
View File				

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

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

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

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
No Data Entered/Not Applicable !!!				
View File				

3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!			
View File			

3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			
View File			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!				
View File				

3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
View File			

3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry	Duration From	Duration To	Participant
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		/research lab with contact details			
No Data Entered/Not Applicable !!!					
View File					

3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
56000000	56132000

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
No Data Entered/Not Applicable !!!	
View File	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
libreria	Partially	Online	2008

4.2.2 – Library Services

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

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/	Others
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								GBPS)	
Existing	361	17	12	8	2	7	15	68	0
Added	25	2	1	0	0	1	1	20	0
Total	386	19	13	8	2	8	16	88	0

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

88 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Video-Conferencing Unit	http://ycmc.ycis.ac.in/
Smart Slet (tab) with wi-fi connectivity/smart boards	http://ycmc.ycis.ac.in/
Visualizer	http://ycmc.ycis.ac.in/
Public Address System	http://ycmc.ycis.ac.in/
High Resolution cameras with mixer unit	http://ycmc.ycis.ac.in/
Interactive boards	http://ycmc.ycis.ac.in/

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
7500000	7463116	11000000	11014080

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

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

- Institute has a building committee for infrastructure maintenance. This committee plans and monitors the optimal utilization of allocated budget for maintenance and upgradation of infrastructure.
- Annual maintenance contracts for some sophisticated instruments are responsible for maintenance of sensitive equipment.
- In charge of CFC looks after the proper handling and maintenance of sophisticated instruments.
- Voltage stabilizers are used to overcome voltage fluctuations.
- There are 4 generators for back up and 20KV online UPS System for interruption of power.
- College has three 3" water pipelines from Satara Municipal Corporation. Water storage tank on each building and also two underground water tanks for the constant supply of water.
- Calibration of instruments is done regularly before use. Defective instruments are brought to notice of lab assistant and Head of the department. Complaint of defective instruments is given by lab assistant to respective supplier. Experts from the respective supplier are sent for servicing and repairing the defected instruments.
- Instrumentation committee of every department comprising of faculty members looks after the instruments.
- All the departments carry out annual servicing of instruments /apparatus.
- Complaint is registered through Head of the

department regarding repair and maintenance of infrastructure and equipment. The compliance is made by the Principal. All complaints regarding ICT related problems are resolved by KIIT and OIT Center. • Electrical related problems are solved by electrical and maintenance unit of vocational courses after registering a complaint in the office. • Sophisticated instruments through AMC

- Minor repairing is done by the departmental faculty.
- Sports material regularly provided to the player for their practice.
- Permanent kits are provided to players.
- The player selected for Inter University is paid Rs.2000/- honorarium except TA DA. Players as well as students are provided with GYM facility.

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

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

Name/Title of the scheme	Number of students	Amount in Rupees
No Data Entered/Not Applicable !!!		
View File		

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
View File			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
No Data Entered/Not Applicable !!!					
View File					

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
7	6	30

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

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

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
View File					

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

Items	Number of students selected/ qualifying
No Data Entered/Not Applicable !!!	
View File	

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

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

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
View File						

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

Yes, the Institute has student council which is active and functional throughout the academic year. Selection and constitution is as per the guidelines of affiliating University. The college election committee notifies the students, collects nomination forms, and elects the class representatives and University representative from the elected class representatives. The reservation policies of the Government and University are followed while nominating the students. The process is carried out abiding the rules in different sections of Maharashtra University Act. The college appointed the representatives of respective class as per their academic record. The members of student council convey feedback to the principal or other administrative members for suggestions and complaints if any. In student council 37 students from various courses are selected and one general representative selected.

Activities of student council:

- The student council shoulders many responsibilities as it is the connecting link between the college administration and students.
- The council conveys the demands to the authorities and suggests changes in some matters.
- The members take active participation in Youth festival, Gymkhana day and celebration of anniversaries.
- The students of the Institute have taken part in many activities of social responsibilities where they have raised funds for survivors of deceased and operations of needy patients.
- The most important role they play is as volunteers in conferences, workshops, sports events, discipline committee and other functions. Every year, students participate in Indian Student Parliament (Bhartiya Chatra Sansad), annual 3-day event. Students' participation and

representation is an integral part of academics. Institute promotes student's participation in each aspect and they are included in the following important committees - ? Women's Grievance Redressal committee. ? Anti -ragging committee. ? Student's council. ? Magazine committee. ? Internal Quality Assurance Cell (IQAC) ? All organizing committees for Seminars, Conferences and Workshops conducted in the Institute. ? All departmental association activities and annual festivals are organized by students. ? State level Karmaveer Quiz Competition. ? Ladies Welfare Committee ? Academic Council ? Governing Body

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Our Institute is one of the few Institutes with registered alumni association. We are proud to have many alumni who are also former faculty having superannuated from our Institute. They take active participation and are invited not only to attend but also participate in all the major activities throughout the year. The major contributions of alumni association are 1) Provision of financial assistance to the needy meritorious students. 2) Sponsorship of the Best teacher award at senior and junior level along with award for best non-teaching staff. 3) Sponsorship for activities like conferences. 4) Financial assistance for construction of Leisure place for students. 5) Social networking Former faculty of the Institute have maintained a close knit relationship with the Institute. They are invited by their respective departments to participate in activities, honored during teacher's day celebrations, to guide the students regarding career or to deliver lectures on the subjects.

5.4.2 – No. of registered Alumni:

161

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

192850

5.4.4 – Meetings/activities organized by Alumni Association :

5

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

In tune with the vision and mission of the Parent Institute as well as the Institute decentralized structure of decision-making and management information system is functional. Principle of subsidiarity and collective responsibility are few of the most salient features of decentralized governance system of the institute. Keeping in view the large number of students studying on the campus, it becomes essential and necessary to provide operational autonomy to departments and other units of the institution. The Sanstha appoints the Principal who works as academic and administrative head and strives hard for the smooth functioning of the institute. The Principal has appointed one Vice-Principal , four deans namely UG Dean, PG Dean, Students Welfare Dean, Infrastructure Dean and Head of various departments for decentralization of the governance to look after the administrative and academic work. Internal Quality Assurance Cell has been given the operational autonomy to implement various programs and policies of the institution effectively to enhance the quality of every unit. The Controller Examination and Examination committee has the

autonomy to prepare the timetable of examination, online tests and evaluation structure of every class. Besides it, the Management delegates the authority and the Principal provides operational autonomy to the various units while directing and coordinating them. The Vice Principals, Heads of the Department and Chairperson of various committees are provided with administrative as well as academic autonomy for effective governance. Department has autonomy to prepare academic calendar in tune with University and Institute's calendar, syllabus of all classes, invite visiting faculty, short term courses, time table, practical schedule and examination, departmental activities, etc. Institute provides autonomy to all the committees for good governance such as Admission committee to design admission policy, Library committee to monitor library activities, Placement cell to formulate policies regarding campus drives and career guidance and implementation of it etc. The four tier system comprising Management Council, Academic Council, Administrative wing and Student Council ensure the quality of teaching-learning on the campus is enhanced. All the Curricular, Co-curricular and Extra-curricular and activities are coordinated through the IQAC in consultation with the Principal. All the matters regarding academics, administration and infrastructure development, sanction of sabbatical/study leave etc are discussed and decided in the CDC.

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

Partial

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	The Institute has adopted following quality improvement strategies for curriculum development: 1. Faculty members namely V. C. Karande (Botany), Dr. H. V. Deshmukh, (Microbiology), Dr. V. Y. Deshpande (Zoology), Dr. Manisha Anand Patil (Invited Member, English) played key role in the syllabus framing of Shivaji University. 2. All the Head of departments work as Chairman of Board of Studies and faculty as member of Draft Syllabus Committee in their respective subjects. The BoS of each Department comprises of invited Member, Two experts from other University, Industry Expert and University nominee. The syllabus of the short term courses and career oriented courses is prepared by the BoS of respective Department. 3. Feedback committee collects the feedback about curriculum from students and stakeholders and suggestions are taken into consideration for up gradation of the syllabus to cater the industry needs.
Teaching and Learning	Following quality improvement strategies are adopted for enhanced teaching and learning : 1. The Institute has ICT facilities, google classroom, various apps, digital

classrooms, smart boards, computer labs, language laboratory, and internet facility to facilitate the teaching learning process. 2. Every department prepares academic calendar in tune with the Institution's calendar. The curricular, co-curricular, and extra-curricular activities are planned accordingly. 3. Every faculty prepares annual teaching plan and maintains academic diary. Head of the Department monitors all these activities. 4. Parent teacher committee monitors the academic progress and provides the academic counseling to the students. 5. Counseling Committee provides counseling on various issues and problems. Attendance committee monitors the regular attendance of the students. 6. More scope is given to the practicals in the syllabus ,hands on training activities, training programs, research projects are given to enhance the learning.

Research and Development

1. The Institute has Research Advisory committee to monitor the research activities in the institute. 2. The institute has Provision of seed money for research to the faculty as well as students to inculcate the research culture among the students and faculty. 3. Incentives are given to the Faculty to participate in the International and national conferences to showcase their research. 4. National and International conferences , workshops and training programs are organized to give exposure to the recent trends of research and networking opportunities. 5. Faculty is encouraged and supported to apply for funding Major and Minor research projects from different funding agencies. 6. The Institute has CIII center which offers high end research facilities and training in AI and other courses. 7. Industry -Academia meet is organized twice a year to develop networking as well as to make the syllabus at par with the industry needs.

Library, ICT and Physical Infrastructure / Instrumentation

Quality improvement strategies adopted for Library, ICT and Physical Infrastructure/ Instrumentation: 1. The Institute has Automated library which has membership of INFLIBNET, NList , e resources, animated clips. 2. The

	Institute has provided e content development facility 3. All the laboratories have adequate lab space and instruments. 4. The Common Facility Center has high end instrumentation facilities required for research. 5. The Center for Innovation, Incubation and Invention provides working space, instruments, library and courses to keep pace with the new age technologies such as artificial intelligence etc.
Human Resource Management	Quality improvement strategies adopted for Human Resource Management: 1. As per government policy recruitment is done through the Parent Institution. Promotion is given as per Parent Institution policy. 2. Various Statutory and non statutory committees are formed for the smooth functioning of academic and administrative work. 3. Faculty development programs and training programs are organized for the Faculty and supportive staff to upgrade their knowledge. 4. Faculty is supported to participate in orientation, refresher and short term courses. 5. Institute authorities sanction different leaves to the faculty.
Examination and Evaluation	Under autonomy, the examination and evaluation pattern has been reformed. The weightage
Admission of Students	For UG, admission process is on the basis of marks secured in 12th examination (merit bais), however for PG, entrance examination is conducted and admissions are on the basis of merit.
Industry Interaction / Collaboration	Institute conducts 2 industry-academia interaction per year. In the academic year, institute established collaboration with TATA Technologies Pvt. Ltd and Science and Technology Park, Pune for academic and research initiatives.

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

E-governance area	Details
Planning and Development	All the faculty and departments are provided with institutional email id. E tenders through emails.
Administration	All the faculty is provided with institutional email id. PFMS submission is done online. Communication with the faculty and staff is through Email and

	SMS Shanti SMS service
Finance and Accounts	The payment of the faculty is done through the salary account . Various funds from different agencies are utilized through e-governance. Tally software is used in Administrative office for financial records and accounts.
Student Admission and Support	Institute has its website as www.ycis.in where all the notices and announcements are displayed for all the stakeholders. The Institute has Online admission through ETH software (license copy), online feedback system (Google Docs/forms)
Examination	Examination department conducts online examination. Examination forms are submitted through online systems. Hall tickets are available on university as well as institute website. Internal examination marks are submitted through online system

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
View File				

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						
View File						

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

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

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nil	168	Nil	49

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>1. Financial Assistance /loans on minimum interest through The Rayat Sevak Co-operative Bank Ltd. 2. Financial Assistance /educational loan Laxmibai Bhaurao Patil Patpedhi 3. Job offer to one of the family members after the sudden death of staff in service 4. Partial loan waiver for the deceased staff 5. Government Accident Policy 6. Rayat Shikshan Sansthas Sevak Suraksha Vima 7. Teachers Day Felicitation 8. Felicitation for Success 9. Best Teacher Award 10. Best Reader Award for Faculty 11. Best Department Award</p>	<p>1. Financial Assistance /loans on minimum interest through The Rayat Sevak Co-operative Bank Ltd. 2. Financial Assistance /educational loans on minimum interest through Laxmibai Bhaurao Patil Patpedhi 3. Government Accident Policy 4. Rayat Shikshan Sansthas Sevak Suraksha Vima 5. Healthcare measures 6. Best Non Teaching Staff award 7. Free ship to the ward of employee of Rayat Shikshan Sanstha , Satara 8. Rayat Family Welfare scheme</p>	<p>1. Earn and Learn scheme 2. Scholarships and free ships to SC, ST, OBC and Sports students 3. Single girl child scholarships, 4. Eklavya scholarships 5. Student Council 6. Best Reader Award 7. Best Student Award 8. Ex- Ycian Scholarships 9. Book Bank Facility 10. Study Room Facility 11. Awards and prizes</p>

6.4 – Financial Management and Resource Mobilization

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

Institution conducts internal and external financial audits regularly. Accounts are audited regularly and there is three tier audit system. 1 Internal Audit is done after every half-financial year by the audit department of parent institution. 2 The second phase audit is done by the competent chartered accountant firm. 3 Final salary and non-salary audit is done by Joint Director and Senior Auditor of Higher Education, Kolhapur and Accountant General (A.G.), Mumbai.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
No Data Entered/Not Applicable !!!		
View File		

6.4.3 – Total corpus fund generated

40765564

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Rayat Shikshan Sanstha, Satara	Yes	Internal Quality Assurance Cell
Administrative	Yes	Rayat Shikshan Sanstha, Satara	Yes	Internal Quality Assurance Cell

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

1. Meeting with students (6/year) - to know their academic, on-campus and personal problems
 2. Meeting with parents (2/year) - to make them aware about their wards academic progress and attendance
 3. Counselling sessions (6/year) - Counselling on their personal problems such as concentration, academic performance, relationship problems, financial etc.

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

1. One day workshop on Quality Monitoring of Glasswares and Chemicals

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

1. Commencement of B.Sc. NCC, B.Sc. Facility Services
 2. Commencement of MSc. Biotechnology, Electronics
 3. Establishment of Invention, innovation and incubation center
 4. Enhancement of seed capital for research
 5. Hike in salary of management approved full time teachers
 6. MoUs with internationally reputed laboratories, institutions, universities and industries.
 7. Commencement of short term course in Japanese language

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Yes
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
View File					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Jodidarachi Viveki Nivad	09/02/2019	09/02/2019	40	27

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

Percentage of power requirement of the University met by the renewable energy sources

Solar Electricity : 6.6 Soalar water heater: 15000 U/year

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	5
Ramp/Rails	Yes	5
Braille Software/facilities	Yes	Null
Rest Rooms	Yes	5
Physical facilities	Yes	5
Scribes for examination	Yes	Null

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
No Data Entered/Not Applicable !!!							
View File							

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Personality Development	15/06/2018	Soft Skills training helps the students to learn Professional Ethics and make them to face the competitive world with confidence. A week training on soft skills is given for all the UG PG students.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			
View File			

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

1) Rain water harvesting 2) LED bulbs 3) Renewable energy through solar panels 4) Botanical Garden (conservation of medicinal, ornamental and endangered plants) 5) Landscaping of the campus 6) Biogas plant 7) Insinuator for disposal of sanitary napkins 8) Vermicomposting unit 9) E-waste management 10) Plastic free campus 11) No vehicle day

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice- 1 1. Title of the Practice: EARN AND LEARN SCHEME 2. Goal: ? The main objective of the scheme is to provide help to the poor and needy students, those who are economically backward, intelligent and meritorious but cannot afford higher education independently. ? To develop a student as a multifaceted personality with academic excellence and a commitment to an egalitarian society 3. The Context: India lives in her villages and to bridge the gap between rural Bharat and urban India, this scheme is basically undertaken for the benefit of students coming from the rural areas, who are economically backward, intelligent, and meritorious but cannot afford higher education, needy and financially hard pressed. It inculcates in the student the idea that no work is big or small and develops a work culture with the right aptitude. Founder of Rayat Shikshan Sanstha. Late Dr. Padmabhushan Karmaveer Bhaurao Patil initiated free and residential education to the students from economically backward community with the motto of Rayat Shikshan Sanstha, "Education through Self-help". In accordance with principle of Rayat Shikshan Sanstha, our college provides a prospect to deprived students to work in college campus. College pays substantial amount for their work by which they can meet their educational and other expenses. 4. The Practice: It is a work and study scheme which gives a head start in career development to the students from villages. Under this scheme those students who are interested in joining are to fill the necessary application form, which is then scrutinized by an appropriate committee. The list of the students has been finally enrolled in the scheme. The students enrolled under the scheme allotted, office work, technical work and field work that increase their skills in areas of their study. The student is paid an honorarium of Rs.20 per hour and expected to work for two hours daily 5. Evidence of Success: In the academic year 2018-2019, forty students were enrolled in this scheme. Students of B.Sc. Part-I, II, III and M.Sc. I II were accommodated in this scheme. The student were worked in diverse areas of the college campus (Botanic garden, Polyhouse, Central library, library study room, competitive exam study room, Gurukul study room, administrative office, gymkhana office, IQAC office, laboratories, etc) as an assistant. On an average, each student is receiving Rupees 800 to 1000 per month. Monthly expense of these student was about rupees 42,000/- Total expenditure incurred on account of Earn and Learn Scheme was about Rupees 1,68,600/- As an outcome of this scheme the students get the education. The 'Dignity of labour' can be imbibed through this scheme among the students. Furthermore, they can earn while learn. 6. Problems Encountered and Resources Required: ? There is an increasing demand of needy students to join this scheme. ? The institute is not enough satisfied to provide the financial assistance to every needy student. ?

It is a time to generate the financial resource for needy students so as to afford higher education independently. Best Practice- 2 1. Title of the practice: SCIENCE EXHIBITION CUM FAIR- SECURING THE PEDESTAL OF ENTREPRENEURSHIP 2) Goal: This practice has been effectively implemented with the following objectives: 1.To impart the essentials of entrepreneurship to the students 2.To provide an opportunity to the students to learn the basis of financial autonomy. 3.To combine the practical aspects of basic and allied sciences for the betterment of society. 4.To commercialize various products and inventions hitherto bound to the science laboratories. 5. to facilitate effective marketing of products and inventions conceptualized in the laboratory. 6.To create a direct link between lab and the community through the fair. 3) The Context: The YC Fair cum Exhibition was a unique activity of sorts for the Institute since it required the identification and collation of the products and inventions conceptualized and created in its laboratories and subsequent marketing and packaging. Training and creation of skilled human resources was another challenge, as the students were unacquainted with the basics of either marketing or commerce. The students are taught different commercial and applied aspects of a subject during their theory. Instead of just learning the concepts and putting them on paper the activity paves the

path for the students to practice the concept. 4) The Practice Each department has its own products and inventions. Students are given an opportunity to showcase their inventions or products. They are displayed in the stalls of respective departments. The products are not only displayed as exhibits but their sale is carried out. At the end of the activity the students come together and after brain storming and audits they come to understand the marketing concepts—the efforts and the profit obtained. They know some aspects of production, display and marketing which will be very useful to them in their future life. Some of the produces are easy to handle and store. They can be made and sold by single individual in very less space. This could provide the seeds of future growth of the student as an entrepreneur. The exhibition come fair was organized on 5th and 6th of October on the auspicious occasion of beginning of centenary celebration of Rayat Shikshan Sanstha. There were 36 stalls. The college also highlighted the current activities such as Autonomous college and its benefits, different activities of the institute for the benefit of students were also highlighted in the activities through NSS, NCC, Library, Earn and Learn and Competitive Exam center stalls. Other stalls were set up by different departments which displayed their products. Sr. No. Name of the Department Products

- 1 Botany- Herbal products: Antimicrobial face pack, Natural Kajal, Gulkand. Awala candy, Paper gift bags etc.
- 2 Zoology- Vermicompost, Cacoon handicraft, Aquarium etc.
- 3 Chemistry- Scientific toys, Phenyl, Liquid Soap, Hand wash , Perfumes etc.
- 4 Microbiology- Biofertilizers, Lassi, Idali
- 5 English- Books, Tongue twister game
- 6 B. Voc- Software development Mobile charger, earphones
- 7 Biotechnology- Spirullina biscuits, Lemon grass jelly, Banana tissue culture etc.
- 8 Electronics- 8 GB Sandisk memory card, Mobile accesories
- 9 Animation Science- Sketches, Drawings, Handmade greeting cards
- 10 Statistics- Greeting cards, Key chains
- 11 Mathematics- Ear rings with mathematical rules
- 12 Physics- Magnetic levitating electricity generator
- 13 Food Processing and Packaging- Instant Upama, Instant Kheer, Kombadi Wada Peeth, Biryani Masala Cubes, Biscuits, Chutannies, Paan Ice cream etc.

5) Evidence of Success The activity received overwhelming success on the first day as the Alumni also visited the different stalls and relived their past days in presence of the department stalls. This year on the basis of the last years' success and experience the number of commodities displayed for exhibition and sale showed marked increase. The number of games related to the respective subjects also increased. The fair encouraged budding entrepreneurs to market their products. The glory of the activity is student from the Department of Food Processing and Packaging applied and subsequently got the FSSAI license for production and marketing of Snacks.

6) Problems Encountered and Resources Required:

- i. Considering the number of visitors the space has some limitations
- ii. Limited availability of products to fulfil demand of customers due to overwhelming response of visitors.

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

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

7.3 – Institutional Distinctiveness

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

The YCIS has its vision to create a culture that encourages innovations and creativity in research and increase the impact of research for the society. It also provides a platform for leadership and support research efforts to benefits scholarly students, researchers and budding scientists. Research and Innovation strives to make the YCIS, a leading institute in publications, mentoring, training and translating research into health and economic benefits to society. Mission To inculcate the research and innovation culture that

expands the boundaries of knowledge to achieve well being of society. Workout of the thrust area To achieve the goals of our mission, the expertise is available in the concerned departments: i. Chemistry - Material Science, Photochemistry, heterocyclic chemistry, Green Chemistry, Heterocyclic Chemistry ii. Zoology - Hydrobiology, Angiogenesis, Aquatic Biology and Fisheries, Human Stress physiology iii. Statistics - Integrodifferential equation iv. Microbiology - Biogas, Nanoparticles, Dye degradation and enzymology v. Physics - Thin film, Material Science vi. Botany - Plant tissue culture, Cytogenetics and plant breeding, Phycology vii. Mathematics: Operation Research viii.

Electronics- Fuzzy logics ix Biotechnology - Plant tissue culture, transformation, Metabolism Highlights • 2- fold enhancement in the seed capital for research. (4.00 lakh to 7.71 lakhs). • Incentives to researchers for quality publications and national and international presentations. • CFC with sophisticated advanced instrumentation like GLC, HPLC, Spectrophotometer, FTIR etc. • Yashavantrao Chavan Center for Invention, and Incubation (YC-CII) in support with RUSA, TATA Technologies and STP nurtures student ideas and thus becoming a milestone for other startups. Institute signed MoU with, i.

Department of Energy and Environment Fusion Technology Research Center (E2 FTC), The Myongji University, Republic of Korea. ii. Institute of Electronics of the Bulgarian Academy of Science, Sofia, Bulgaria iii. Graduate School of Technology, Industrial and Social Sciences, Tokushima University, Japan iv. Nano Particles Technology Laboratory (NPTL), Sungkyunkwan University (SKKU), Suwon, South Korea. • One (1) International, 2 National and 1 state level conference was organized, • The Research Promotion is encouraged by blending research with the conduct of Research project dissertation by students. • Each faculty guide publishes a research paper in collaboration with the student. • To create research culture and knowledge creation, Institute organizes national seminars in different functional areas, every year funded by the Institute and other agencies. • Study leave/FDP is granted to faculty members for their research work. • Library resources comprising print and online journals, computing resources, Internet facility and software tools are made available to faculty and research scholars. • Faculty is provided leave and financial grant to attend as well as present/showcase their ideas/ research in seminars and conferences. Performance • Industry-academia meet has been organized on 29th October, 2018 13rd March, 2019. • Avishkar Competition has been organized (26th December 2018). • Major research project of Rs. 63. Lakhs has been submitted to DBT, New Delhi. Outcome: i. Publications: 36 ii. Ph.D. Awarded: 09 iii. Synthesis of Natural dyes from plant extract iv. Bio-Diesel using Egg shell as a Catalyst

Provide the weblink of the institution

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

8.Future Plans of Actions for Next Academic Year

1. Commencement of new UG (B.Sc. NCC) and PG Courses (M.Sc. Inorganic, Physical and Analytical Chemistry).
2. Implementation of core curriculum and subject specific short term courses at B.Sc. II and M.Sc. II level under autonomy.
3. Preparation of draft syllabi for B.Sc. III under autonomy
4. Preparations for Cluster University that is due in near future under RUSA Component 2.
5. Organization of capacity building events for UG and PG students under RUSA Component 8.
6. Participation in NIRF ranking.
7. Submission of proposal under UGC-Paramarsh Scheme.
8. Commencement of New Age Courses viz. Artificial Intelligence, Robotics, Cyber security etc.
9. Strengthening renewable energy sources by procurement of Solar Panels
10. Availing the residence facility for boys (Men's Hostel)
11. Strengthening liquid waste management system.
12. Submission of research proposals to UGC and other funding agencies.
13. Organization International /National/ State level Conferences/ Seminars/ Workshops etc.
14. Organization of Industry-interface meet
15. To make provision

for research grants under RUSA component 8 16. Organization of workshops on Entrepreneurial Awareness and Intellectual Property Rights. 17. To make provision of seed capital for research promotion. 18. Provision for Corporate training through C-III centre. 19. Procurement of high end research instruments viz. SEM and XRD 20. Organization of use of ICT and e-content development workshops 21. Organization of a workshop on research-based pedagogical tools. 22. Development of Augmentation Reality (AR) Application 23. Organization of faculty development program 24. Organization of NAAC supported conference 25. Availing online courses (MOOCs) for teachers and advance learners. 26. Incorporation of Research Projects/Internship/On job Training at M.Sc.II level. 27. Establishment of Yoga and Meditation Centre. 28. Preparations for Academic and Administrative Audit (AAA) 29. Strengthening Management Information System (MIS) 30. Internal Academic and Research Monitoring by IQAC and ISO. 31. Organization of graduation ceremony.