

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year

2012-13

I. Details of the Institution

1.1 Name of the Institution

Yashwantrao Chavan College of Science, Karad

1.2 Address Line 1

Karad-Masur Road

Address Line 2

Vidyanagar

City/Town

Karad

State

Maharashtra

Pin Code

415124

Institution e-mail address

prinyccsk@gmail.com

Contact Nos.

02164-271356/7

Name of the Head of the Institution:

Dr. M. B. Gandhi

Tel. No. with STD Code:

02164-271356/7

Mobile:

9421214118

Name of the IQAC Co-ordinator:

Dr. S. S. Bajekal

Mobile:

9823019264

IQAC e-mail address:

iqacyccsk@gmail.com

1.3 NAAC Track ID(For ex. MHC0GN 18879)

OR

1.4 NAAC Executive Committee No. &Date:

EC/57/RAR/53 dated 30-11-2011

1.5 Website address:

www.yccskarad.com

Web-link of the AQAR:

www.yccskarad.com/AQAR2012-13.pdf

1.6 Accreditation Details

Sl.No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B ⁺⁺	82	16-02-2004	5 years
2	2 nd Cycle	B	2.42	30-11-2011	5 years
3	3 rd Cycle	-	-	-	-
4	4 th Cycle	-	-	-	-

1.7 Date of Establishment of IQAC : DD/MM/YYYY

25/06/2004

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

i. AQAR 2011-12 submitted to NAAC on 24/03/2017

1.9 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI(Phys Edu)

TEI (Edu) Engineering Health Science Management

Others(Specify)

. -

1.11 Name of the Affiliating University (for the Colleges)

Shivaji University, Kolhapur

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University	<input type="text" value="-"/>		
University with Potential for Excellence	<input type="text" value="-"/>	UGC-CPE	<input type="text" value="-"/>
DST Star Scheme	<input type="text" value="-"/>		<input type="text" value="-"/>
UGC-Special Assistance Programme DST-FIST	<input type="text" value="-"/>		<input type="text" value="-"/>
UGC-Innovative PG programmes	<input type="text" value="-"/>	Any other (<i>Specify</i>)	<input type="text" value="-"/>
UGC-COP Programmes	<input type="text" value="-"/>		

2. IQAC Composition and Activities

2.1No. of Teachers	<input type="text" value="06"/>
2.2No. of Administrative/Technical staff	<input type="text" value="01"/>
2.3No. of students	<input type="text" value="Nil"/>
2.4No. of Management representatives	<input type="text" value="Nil"/>
2.5No. of Alumni	<input type="text" value="Nil"/>
2. 6No. of any other stakeholder and community representatives	<input type="text" value="Nil"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="Nil"/>
2.8 No. of other External Experts	<input type="text" value="01"/>
2.9 Total No. of members	<input type="text" value="8"/>
2.10No. of IQAC meetings held	<input type="text" value="2"/>

2.11 No. of meetings with various stakeholders: No. Faculty
 Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No
 If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
A Plan for quality initiatives for the various functions of the college was formulated at the beginning of the year and communicated to all concerned.	Using specific guidelines framed by the concerned bodies the plan of IQAC was executed. Some of the noteworthy achievements are – 1) State level Workshop on “Physical Education and sports for Healthy India” Participants 157, Resource Persons 7

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body Yes No
 Management Syndicate Any other body

Provide the details of the action taken

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	1	-	-	-
PG	2	-	-	-
UG	2	-	-	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	4	-	4	-
Others	-	-	-	-
Total	9	-	4	-
Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

- 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options : **Core**
 (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	3
Trimester	-
Annual	-

1.3 Feedback from stakeholders* Alumni Parents Employers Students

(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

Students satisfaction index (S.S.I.) of each department and that of college is as below:

Dept.	Physics	Chemistry	Mathematics	Statistics	Electronics	Geology	Botany	Zoology	Microbiology
S.S.I.	0.968	0.905	0.85	0.955	0.906	0.919	0.93	0.93	0.812

S.S.I. of the College :- 0.908

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

No

1.5 Any new Department/Centre introduced during the year. If yes, give details.

No

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	26	12	14	-	-

2.2 No. of permanent faculty with Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant(V) during the year	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	-	44	-	-	-	-	-	-	-	44

2.4 No. of Guest and Visiting faculty and Temporary faculty

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	3	4	11
Presented papers	1	5	-
Resource Persons	-	-	-

2.6 Innovative processes adopted by the institution in Teaching and Learning:

2.7 Total No. of actual teaching days during this academic year

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B. Sc.	341	28.42	46.4	1.74	-	0.29
B.C. S.	22	50	50	-	-	-
M. Sc.	46	36.89	52.08	8.68	-	-

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

The IQAC has established a QMS under which it has given formats of ATP, MTR, SOP and feedback mechanism to determine the “Students Satisfaction Index” through which the entire teaching and learning process is monitored and course corrections made as necessary.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	-
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	1
Faculty exchange programme	-
Staff training conducted by the university	1
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	-
Others	-

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	17	12	-	-
Technical Staff	41	32	-	-

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

The IQAC directs the research committee to recommend and implement suitable measures to develop a scientific temper and research culture among faculty and also specifically among the students. The methods recommended are –

- 1) Organizing science seminars involving scientists of eminence.
- 2) Organize state/national/international scientific meets and involve students in large numbers.
- 3) Conducts seminars and workshops on research methodology and scientific writing specifically for UG students.
- 4) Motivate faculty and students to attend and present research papers in scientific meets elsewhere and also publish more research papers.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	-
Outlay in Rs. Lakhs	-	-	-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	1	-	-
Outlay in Rs. Lakhs	90,000/-	1,20,000/-	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	3	3	-
Non-Peer Review Journals	-	4	-
e-Journals	-	-	-
Conference proceedings	-	-	-

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	-	-	-	-
Minor Projects	2010-2013	UGC	1,20,000/-	26,000/-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects <i>(other than compulsory by the University)</i>	-	-	-	-
Any other(Specify)	2012	ICMR	SRF (p.m.)	-
Total	-	-	1,20,000/-	26,000/-

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number	-	-	-	-	-
Sponsoring agencies	-	-	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
1	-	-	1	-	-	-

3.18 No. of faculty from the Institution who are PhD Guides and students registered under them

7

10

3.19 No. of Ph.D. awarded by faculty from the Institution

1

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
National level International level

3.22 No. of students participated in NCC events:

University level State level
National level International level

3.23 No. of Awards won in NSS:

University level State level
National level International level

3.24 No. of Awards won in NCC:

University level State level
National level International level

3.25 No. of Extension activities organized

University forum College forum
NCC NSS Any other

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

NCC

1. Blood donation 17-9-12
2. Anti drink and drive day 2 Oct. 2012
3. Tree plantation 24-11-2012
4. Contribution to NFCH Rs. 4100/-

NSS

Sr. No.	Activity	Date
1.	Sadbhavana divas	10 th Sept. 2012
2.	Blood donation camp	17 th Sept. 2012
3.	Cleanliness of campus	2 nd Oct. 2012

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	40 Acre	-	-	-
Class rooms	14	3	-	17
Laboratories	19	2	-	21
Seminar Halls	2	-	-	2
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	-	-	-	-
Value of the equipment purchased during the year (Rs. in Lakhs)	4,89,142/-	-	-	4,89,142/-
Others	-	-	-	-

4.2 Computerization of administration and library

Yes. Office and central Library are computerized.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	13646	3,96,639/-	390	22,005/-	14036	4,18,644/-
Reference Books	21714	21,41,367/-	162	67,469/-	21876	22,08,836/-
e-Books	-	-	-	-	-	-
Journals	-	-	29	50,788/-	29	50,788/-
e-Journals	-	-	-	-	-	-
Digital Database	-	-	-	-	-	-
CD & Video	79	41,425/-	-	-	79	41,425/-
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	45	1	2	-	-	7	14	2
Added	1	-	-	-	-	-	-	-
Total	46	1	2	-	-	7	14	2

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Training to students on how to access the internet.

4.6 Amount spent on maintenance in lakhs :

i) ICT

56,265/-

ii) Campus Infrastructure and facilities

36,04,155/-

iii) Equipments

8,490/-

iv) Others

-

Total :

36,68,910/-

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

IQAC directs the persons concerned with such support services to give wider publicity and help the students get those services. In this context the following are the achievements

- 1) Increasing no. of students receiving scholarships from government and nongovernment agencies such as N.G. Bhosale trust and Malhotra Weikfield foundation.
- 2) A larger number of students from backward community open accounts in nationalized bank with the help of teachers.
- 3) Strength of students in the Centre for competitive examination coaching has grown up and number of students qualifying in the GEE has increased.

5.2 Efforts made by the institution for tracking the progression

- Each year our college publishes a booklet, “LINK” that contains addresses and contact details of students, that is given to companies and employers.
- We contact the students for the different programmes conducted by the college.
- Every year we organize alumni association get-together during which we take students’ feedback

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
998	97	06	-

(b) No. of students outside the state

-

(c) No. of international students

-

No	%
522	47.67

Men

Women

No	%
573	52.32

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
799	67	01	198	-	1065	812	57	07	219	-	1095

Demand ratio 100%

Dropout %

0.5%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Our college has competitive examinations committee that provides the information and gives support and guidance to the students. It also conducts various guest lectures.

The college also conducts Graduate Excellence Examination.

Year	No. of Students Appeared for the Exam.	Scholarships received
2012- 2013	47	02

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT
IAS/IPS etc State PSC UPSC Others

5.6 Details of student counselling and career guidance

- The college has a Placement cell for the placement services to students.
- Various lectures are organised for personality development and interview technique.
- The college subscribes to a number of standard magazines and news papers to help the students to improve their general knowledge on current affairs and to prepare for competitive examinations.
- Employment news and Rojgar Varta news papers are available in central library

No. of students benefitted

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
-	-	-	30

5.8 Details of gender sensitization programmes

Nil

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	17	81,350/-
Financial support from government	483	16,56,841/-
Financial support from other sources	42	99,000/-
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: NIL

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

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

6.2 Does the Institution has a management Information System

<p>Yes</p> <p>The Head of the Institution collects the factual information through various ways and forwards it to the Management and stakeholders to review institutional activities and performance.</p> <p>The Head of the institution visits the various departments, office, library and hostels and also conducts the periodic meetings of the Head of the Departments, Chair persons of various committees, Faculty, Staff and Student council and collects the information about the college activities and performance.</p> <p>In addition to above he collects the information through:</p> <ul style="list-style-type: none">• minutes of meetings of different committees• student attendance records• examination result analysis• API reports filled by the faculty• formal or informal feedback from the Student’s Council, Parents and Alumni• students feedback <p>Thus, obtained information is placed before the top management for decision making performance improvement and same is communicated to the parents and alumni through meetings with them.</p>
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6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- College provides more programme options- wide choice subjects for students.
- Use of ICT in teaching and learning.
- Certificate courses of college and University.
- College teachers represent themselves on BOS
- Consultation with academicians to enrich the curricula being taught.

6.3.2 Teaching and Learning

Institution adopts student-centric teaching and learning quality improvement strategies. These strategies are based on collection and analyses of the feedback of students regarding the quality of teaching learning process. For effective implementation of strategies institution takes efforts as follows:

1. Planning, operation and monitoring
 - Preparation of Academic Calendar
 - Preparation of Timetable
 - Preparation of Annual Teaching plans
 - Submission of MTR (Monthly Teaching Report) by faculty
 - Periodic tests/assignments
 - Organization of Study tours
 - Industrial visits
 - Allotment of Projects to the students
 - Use of ICT tools
2. Identification and focussing on slow learners
 - Remedial coaching
3. Identification and focussing on advanced learners
 - Felicitation of the students
 - Encouragement of the students
 - Special guidance to the students
4. Science seminar and Motivation lectures
5. Faculty development through-
 - Deputation of faculty for refresher/orientation courses (**02 refresher & 01 orientation course**)
6. Library enrichment by addition of recent Journals and Books
7. Introduction of need based courses

6.3.3 Examination and Evaluation

- Class test
- Home assignment
- Preliminary examination
- Student seminars

6.3.4 Research and Development

College has **01 post-graduate program** (Microbiology) and three University approved research Laboratories (Botany, Microbiology and Zoology) for M. Phil and PhD degree. There are total **06 research guides** and **10 research students** are working for PhD degree under their supervision. The college has a Research Committee to generate awareness amongst the faculty/researchers and facilitate submission of research proposals to different funding agencies. The Principal Investigators are provided with full autonomy and timely release of resources by the college. For researchers, the college arranges illustrative lectures of outside experts to explain how to write and publish research papers. To identify the budding researchers college motivates the students to participate in competitions like 'Avishkar' organised by the University. Qualified teachers are also motivated to become research guides. Journals and recent reference books are made available in the college library to promote research environment. The researchers are felicitated for their achievements.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Making provisions for latest Journals and Books of recent edition in the library

Sr No	Scientific Journals	Magazine	Total	Reference Books	Additions	Total
1	16	13	29	21714	162	21876

- UGC XI Plan: Construction of Library Building –**Rs 3,50,000/-**
- Internet facility in library for students
- Academic Audit facilitates in refining the academic, administrative and other processes related to academic improvement, laboratory facilities, addition in infrastructure, addition of books and journals in the library and improvement in office services to stakeholders.

6.3.6 Human Resource Management

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

6.3.7 Faculty and Staff recruitment

As per the University / Government norms, faculty members are appointed on clock hour basis.

6.3.8 Industry Interaction / Collaboration

The College arranges industrial visits for the students to bridge the gap between laboratory knowledge and commercial applications of it in industry. Industry visit becomes a significant mode in quality improvement. Students benefit from observing the industrial working, required skill with human resource, importance of quality etc. Such visits motivate the students to make their career in industry. Thus, the Institute becomes a place of human resource to industries.

6.3.9 Admission of Students

Admissions of Students are as per the Government/University norms.

6.4 Welfare schemes for

Teaching & Non teaching	<ul style="list-style-type: none">• Loan Facilities– PF (05% of total staff availed PF loan facility) Staff Society (74% of total staff availed this loan facility)• Leave Travel Concession• Reimbursement of Medical Bills• Concession in College Fees (wards of employees)• Group Life Insurance(30% of total staff)• Staff Quarters
Students	<ul style="list-style-type: none">• Group Insurance

6.5 Total corpus fund generated Reserve fund Rs.53,28,424/-

6.6 Whether annual financial audit has been done Yes No

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

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

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- Semester System
 - Introduction of project work for students

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

Yes.

The Affiliating University has a provision for according the status of autonomy to an affiliated institution.

6.11 Activities and support from the Alumni Association

- Source as Guests at functions
 - Career guidance and placement of current student
 - Exclusive City Bus service for girls starting from within the campus has been provided by alumni.

6.12 Activities and support from the Parent – Teacher Association

Formal or informal interactions between -parents and Principal as well as between parents and Teachers are the feedback for improvement.

6.13 Development programmes for support staff

Support by management-
Allow to attend the training programmes and workshops organized by the University and other Institutes.

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Plantation on college campus
- Maintenance of botanical garden
- Vermicomposting unit for garbage
- Microbiology- Disposal of Pathogenic Organisms

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

1. Centenary year of Late Yashwantraoji Chavan, founder of our Sanstha, College started to organizes state level Essay competition and Shivaji University level Elocution competition
2. Use of twist camera in ICT learning process

7.2 Provide the Action Taken Report (ATR) based on plan of action decided upon at the beginning of the year.

All plans of this year are executed as per IQAC guideline issued at the beginning of the academic year.

7.3 Give two Best practices of institution (*Please see the format in the NAAC self study Manuals*).

Best Practices:

College conducts a good number of Best practices However we are mentioning following two.

BEST PRACTICE-I

The title:

WILDLIFE WEEK

The Goal:

To create awareness among the students about conservation of wildlife

The Context:

Some species of plants and animals are diminishing and there is threat of their eliminations. Hence it is necessary to create awareness among the students about conservation of wildlife. This happens due to misunderstanding and superstitions.

The Practice:

Every year in the first week of the October wildlife week is celebrated. During this program various poster competitions, lectures or film shows are organized for the students. Students are registered as member of Eagle Nature Club.

Evidence of Success:

Students try to convince family members and neighbours. This week is being organized successfully for more than 20 years.

Problem encountered and Resources required:

Nil

BEST PRACTICE-II**The title:****OBSERVATION OF BIRTH AND DEATH ANNIVERSARIES OF NATIONAL LEADERS AND EMINENT PERSONALITIES****The Goal:**

To remember the great national leaders, freedom fighters, social reformers and founders of our education society.

The Context:

It is necessary to create awareness among student community regarding the contributions and struggle of various personality in achieving freedom and social reforms.

The Practice:

We pay homage to National leaders and Eminent Personality on the occasion of birth or death anniversary. We organize lectures in association with our sister institution. Every year we publish our college magazine "Yashwant" on 12th March, birth anniversary of late Yashwantraoji Chavan.

Evidence of Success:

Students are participating in these programmes.

Problem encountered and Resources required:

Students miss some program due to holidays.

**Provide the details in annexure (annexure need to be numbered as i,ii,iii)*

7.4 Contribution to environmental awareness/ protection.

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

7.5 Whether environmental audit was conducted? No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Strengths

- 1) Steady journey of the college as per our Vision, Mission and Goals
- 2) Consistently high level of results and ranking of students in University Merit List
- 3) Well stocked computerized library with reference books, journals and e-resources
- 4) First college in western Maharashtra to get ISO certification in 2007 and consistently certified since then. Presently certified according to ISO 9001:2015 standard

Weaknesses

- 1) Limited number of College- Industry interactions
- 2) Lack of inter-disciplinary courses

Opportunities

- 1) To develop full-fledged courses based on industry needs and skill development
- 2) To develop a proper mechanism to receive resources of strong and well established alumni
- 3) To increase placement avenues through eminent alumni

Challenges

- 1) Fast pace of development of modern technology
- 2) Establishing linkages with industries and entrepreneurs

8.Plans of institution for next year

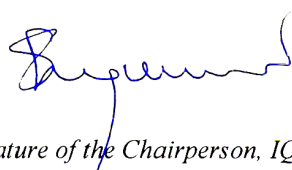
- 1) To start PG course in Chemistry
- 2) Augment ICT resources
- 3) To get sanction for additional divisions from Shivaji University, Kolhapur to accommodate increasing student strength.
- 4) Purchase more equipments and instruments
- 5) To pursue the matter of recruitment against vacant post of staffs with the state government.

Dr. N. R. Shaikh



Signature of the Coordinator, IQAC

Dr. S. S. Bajekal



Signature of the Chairperson, IQAC

Yashwantrao Chavan College of Science, Karad
Academic Calendar 2012-2013
First Term 20-06-2012 to 05-11-2012

Sr. No.	Dates	Sundays	Other Holidays	No. of Teaching Days	Admissions and Exams
1.	20 – 23 June	24 June		4	Admissions
2.	25 – 30 June	1 July		6	
3.	2 – 7 July	8 July		6	
4.	9 – 14 July	15 July		6	
5.	16 – 21 July	22 July		6	
6.	23 – 28 July	29 July		6	
7.	30 July – 4 August	5 Aug.		6	
8.	6 – 11 Aug.	12 Aug.		6	
9.	13 – 18 Aug.	19 Aug.	15 Aug. Independence Day 18 Aug. Parsi New Year	4	
10.	20 – 25 Aug.	26 Aug.	20 Aug. . Ramjan Id	5	
11.	27 Aug.– 1 Sept.	2 Sept.		6	B. Sc. I Home Assignment I
12.	3 – 8 Sept.	9 Sept.		6	B. Sc. II Mid Term Test I
13.	10 – 15 Sept.	16 Sept.		6	Periodic Test I (B. Sc. I/II/III)
14.	17 – 22 Sept.	23 Sept.	19 Sept. Ganesh Chaturthi	5	B. Sc. I Home Assignment II B. Sc. III Internal Evaluation
15.	24 Sept. – 29 Sept.	30 Sept.		6	B. Sc. II Mid Term Test II
16.	1 – 6 Oct.	7 Oct.	2 Oct. Gandhi Jayanti	5	
17.	8 – 13 Oct.	14 Oct.		6	
18.	15 – 20 Oct.	21 Oct.		6	
19.	22–27 Oct.	28 Oct.	24 Oct. Dasara 26 Oct. Bakari Id	4	
20.	29 Oct.–3 Nov.	4 Nov.		6	
21.	5 Nov.	–		1	
Diwali Vacation 06-11-2012 to 25-11-2012					
Second Term 26-11-2012 to 30-04-2013					
22.	26 Nov. – 1 Dec.	2 Dec.	28 Nov. Guru Nanak Jayanti	5	
23.	3 – 8 Dec.	9 Dec.		6	
24.	10 – 15 Dec.	16 Dec.		6	
25.	17 – 22 Dec.	23 Dec.		6	
26.	24 – 29 Dec.	30 Dec.	25 Dec. Christmas	5	B. Sc. I Home Assignment I
27.	31 Dec. – 5 Jan.	6 Jan.		6	B. Sc. II Mid Term Test I
28.	7 – 12 Jan.	13 Jan.		6	Periodic Test II (B. Sc. I/II/III)
29.	14 – 19 Jan.	20 Jan.		6	B. Sc. I Home Assignment II B. Sc. II Mid Term Test II B. Sc. III Internal Evaluation
30.	21 – 26 Jan.	27 Jan.	26 Jan. Republic day	5	
31.	28 Jan.– 2 Feb.	3 Feb.		6	
32.	4 – 9 Feb.	10 Feb.		6	
33.	11 – 16 Feb.	17 Feb.		6	
34.	18 – 23 Feb.	24 Feb.	19 Feb. Shiv Jayanti	5	
35.	25 – 28 Feb.	–		4	

1. Total Number of Teaching Days: 190
2. Variation, if any, shall be notified to the faculty.
3. Missed theory and practical periods should be compensated with colleagues or by engaging extra periods

*Note: If there is any change in any examination schedule, it will be notified.


Chairman
Academic Calendar Committee


Principal
Yashwantrao Chavan College of Science