

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year

2011-12

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. MHCOGN 18879)

OR

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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/AQAR2011-12.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 -

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

University with Potential for Excellence

DST Star Scheme

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

2.1 No. of Teachers	<input type="text" value="06"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="01"/>
2.3 No. of students	<input type="text" value="Nil"/>
2.4 No. of Management representatives	<input type="text" value="Nil"/>
2.5 No. of Alumni	<input type="text" value="Nil"/>
2.6 No. 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="08"/>
2.10 No. of IQAC meetings held	<input type="text" value="2"/>

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff 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) Workshop on Scientific writing was organised specifically for UG students.

* 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.	0.95	0.911	0.84	0.963	0.97	0.878	0.98	0.89	0.898

S.S.I. of the College :- 0.92

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
28	12	16	-	-

2.2 No. of permanent faculty with Ph.D.

14

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
-	38	-	-	-	-	-	-	-	38

2.4 No. of Guest and Visiting faculty and Temporary faculty

- - 41

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	2	8	4
Presented papers	4	3	-
Resource Persons	-	-	-

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

ICT tools, Models, Charts, Seminar, Audio visual aids, Poster Presentation. Quiz

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

181

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

Nil

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development

03 - -

as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students

85 %

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.	238	8	26.05	45.2	-	-
B.C. S.	22	0	59.9	36.32	-	-
M. Sc.	49	24.48	59.16	14.28	-	-

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	1
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	-
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	42	33	-	-

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) Conduct 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	2	1	-
Outlay in Rs. Lakhs	70,000/-	2,10,000/-	1,50,000/-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	4	5	-
Non-Peer Review Journals	-	-	-
e-Journals	1	-	-
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	2011-12 to 2013-14	UGC	1,50,000/-	1,10,000/-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects <i>(other than compulsory by the University)</i>	-	-	-	-
Any other(Specify)	-	-	-	-
Total	-	-	1,50,000/-	1,10,000/-

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
01	01	-	-	-	-	-

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

-

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 camp – 17th September 2011
2. Contribution to NFCH Rs. 4000/-

NSS

Sr. No.	Activity	Date
1.	Saksharata Rally	8 th Sept. 2011
2.	<i>Blood donation camp</i>	17 th Sept. 2011
3.	Cleaning of campus	2 nd Oct. 2011
4.	Dhnyanjyot Rally Swagat at Shivaji University Kolhapur	14 th Nov. 2011
5.	Celebrating Sanvidhan din	26 Nov. 2011
6.	World Aids Day campaign	1 st Dec. 2011

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.	3	-	-	3
Value of the equipment purchased during the year (Rs. in Lakhs)	6,69,274/-	-	-	6,69,274/-
Others	5,69,437/-	-	-	5,69,437/-

4.2 Computerization of administration and library

Yes. Office and central Library are computerized. Central Library is automated with software 'M. K. C. L.'s Libreria' with barcode technology. OPAC is also used.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	13055	3,55,748/-	591	40,891/-	13646	3,96,639/-
Reference Books	21503	19,68,384/-	211	1,72,983/-	21714	21,41,367/-
e-Books	-	-	-	-	-	-
Journals	-	-	30	47,402/-	30	47,402/-
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	32	1	0	-	-	7	14	-
Added	13	-	2	-	-	00	00	02
Total	45	1	2	-	-	7	14	2

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

Nil

4.6 Amount spent on maintenance in lakhs :

i) ICT

68,145/-

ii) Campus Infrastructure and facilities

34,50,983/-

iii) Equipments

2,67,550/-

iv) Others

-

Total :

37,86,678/-

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
965	100	06	-

(b) No. of students outside the state

-

(c) No. of international students

-

No	%
460	48.26

Men

Women

No	%
493	51.73

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
716	56	-	182	-	953	799	67	01	198	-	1065

Demand ratio 100% Dropout % 1.6%

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 arranges various guest lectures.

The college conducts Graduate Excellence Examination.

Year	No. of Students Appeared for the Exam.	Scholarships received
2011- 2012	64	04

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
-	-	-	25

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	04	80,000/-
Financial support from government	386	14,84,165/-
Financial support from other sources	32	85,000/-
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 NSS+NCC

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

Vision of the institution

‘Be one with the downtrodden and the underprivileged’

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’.

6.2 Does the Institution has a management Information System

Yes

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.

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.

In addition to above he collects the information through:

- minutes of meetings of different committees
- student attendance records
- examination result analysis
- self-appraisal reports filled by the faculty
- formal or informal feedback from the Student’s Council, Parents and Alumni
- students feedback

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.

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 for curriculum planning, designing and up-grading.
- 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 (**07**)
5. Faculty development through-
 - Deputation of faculty for refresher/orientation (**01 refresher**)
 - Organization of conference.
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 **07 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. The college has organized one conference, which availed in-house opportunities to faculty/researcher to present their research work. 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	17	13	30	21503	211	21714

- Increase in number of computers in Library with internet connection for students

Sr. No	Computers	Addition
1	02	02

- 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 leaves, promotions and placements as and when they are due.

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 (11% of total staff enjoyed PF loan facility)• Staff Society (70% of total staff availed this loan facility)• Leave Travel Concession (2% of total staff enjoyed leave travel concession facility)• Reimbursement of Medical Bills (2% of total staff get benefited)• Concession in College Fees (wards of employees)• Group Life Insurance (33% of total staff)• Staff Quarters
Students	<ul style="list-style-type: none">• Group Insurance

6.5 Total corpus fund generated

Reserve fund Rs. 43,35,115/-

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 students

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- System for 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.

Students contribute regularly to National Foundations for Communal Harmony (NFCH), an autonomous body under the Ministry of Home Affairs working for physical and psychological rehabilitation of the children of communal, caste, ethnic or terrorist violence.

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:

GUIDANCE BATCH SCHEME

The Goal:

It is aimed to establish one to one interaction between students and teacher and to create comfortable and friendly atmosphere.

The Context:

The students coming to this college are mostly from rural area. Hence they are shy and have sort of inferiority. So it required to enhance their self confidence and prepare them for their regular study and career.

The Practice:

Students are distributed within faculty members by the committee formed for this purpose. Mostly these are practical batches conducted by the faculty. The respective faculty members gather the academic and personal information of the student. They establish familiar and friendly relation with students. They help them to solve not only academic but personal problem also. The parents meet are organized to have the proper communication with them.

Evidence of Success:

The students feel free to share their problems with teachers. The confidence level of students is observed to be enhanced.

Problem encountered and Resources required:

In the beginning students are reluctant.

BEST PRACTICE-II**The title:**

VANMAHOSTAV

The Goal:

To create awareness among the students about conservation of environment.

The Context:

Increasing pollution is topic of great concern. Everyone must shoulder his responsibility in maintaining the greenery so that pollution level remain under control.

The Practice:

Every year *Vanmahostav* is celebrated in the first week of August. Poster exhibitions and competition for students is organized. The themes of poster are all related to environment protection.

Evidence of Success:

Large number of students participates every year.

Problem encountered and Resources required:

Apart from all such efforts we are still facing pollution problems

**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) Eco-friendly campus with a heritage style building.
- 2) Diversified academic programmes.
- 3) Steadily increasing student strength indicating good reputation and goodwill among students fraternity

Weaknesses

- 1) Limited number of National and International collaborations for research
- 2) Constraints on recruitment of teaching and non teaching staff
- 3) Lack of inter-disciplinary courses

Opportunities

- 1) To develop the college as an advanced centre with PhD research facilities
- 2) To promote interdisciplinary research addressing local, social and need-based issues
- 3) To establish effective links with industries/companies for campus placements

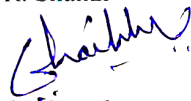
Challenges

- 1) Low English language proficiency of the students coming from rural background
- 2) Establishing linkages with industries and entrepreneurs
- 3) Funding research projects of students

8.Plans of institution for next year

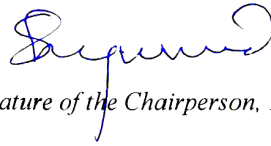
1. Purchase more equipments and instruments
2. To pursue the matter of recruitment against vacant post of staffs with the state government.

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 2011-2012

First Term 20-06-2011 to 22-10-2011

Sr. No.	Dates	Sundays	Other Holidays	No. of Teaching Days	Admissions and Exams
1.	20 – 25 June	26 June		6	Admissions
2.	27 June – 2 July	3 July		6	
3.	4 – 9 July	10 July		6	
4.	11 – 16 July	17 July		6	
5.	18 – 23 July	24 July		6	
6.	25 – 30 July	31 July		6	
7.	1 – 6 Aug.	7 Aug.		6	
8.	8 – 13 Aug.	14 Aug.		6	Periodic Test – B. Sc. III
9.	15 – 20 Aug.	21 Aug.	15 Aug. Independence Day 19 Aug. Parsi New Year	4	
10.	22 – 27 Aug.	28 Aug.		6	Home Assignment – I (B. Sc. I)
11.	29 Aug.– 3 Sept.	4 Sept.	31 Aug. Ramjan Id 1 Sept. Ganesh Chaturthi	4	
12.	5 – 10 Sept.	11 Sept.		6	Midterm Test – I (B. Sc. II)
13.	12 – 17 Sept.	18 Sept.		6	Home Assignment – II (B. Sc. I)
14.	19 – 24 Sept.	25 Sept.		6	
15.	26 Sept. – 1 Oct.	2 Oct.		6	
16.	3 – 8 Oct.	9 Oct.	6 Oct. Dasara	5	Periodic Test – B. Sc. I / II / III
17.	10 – 15 Oct.	16 Oct.		6	Midterm Test – II (B. Sc. II)
18.	17 – 22 Oct.			6	
Diwali Vacation 23-10-2-11 to 10-11-2011					
Second Term 11-11-2011 to 30-04-2012					
19.	11 – 12 Nov.	13 Nov.		2	
20.	14 – 19 Nov.	20 Nov.		6	14 to 16 Nov. Terminal Exam. B. Sc.III
21.	21 – 26 Nov.	27 Nov.		6	
22.	28 Nov. – 3 Dec.	4 Dec.		6	
23.	5 – 10 Dec.	11 Dec.	6 Dec. Moharam	5	
24.	12 – 17 Dec.	18 Dec.		6	Home Assignment – III (B. Sc. I)
25.	19 – 24 Dec.	25 Dec.		6	Periodic Test – B. Sc. III
26.	26. – 31 Dec.	1 Jan.		6	Midterm Test – III (B. Sc. II)
27.	2 – 7 Jan.	8 Jan.		6	Home Assignment – IV (B. Sc. I)
28.	9 – 14 Jan.	15 Jan.		6	Periodic Test – B. Sc. I / II / III
29.	16 – 21 Jan.	22 Jan.		6	
30.	23 – 28 Jan.	29 Jan.	26 Jan. Republic day	5	Midterm Test – IV (B. Sc. II)
31.	30 – 4 Feb.	5 Feb.		6	
32.	6 – 11 Feb.	12 Feb.		6	Preliminary Practical Examination
33.	13 – 18 Feb.	19 Feb.		6	
34.	20 – 25 Feb.	26 Feb.		6	
35.	27 – 29 Feb.			3	

1. Total Number of Teaching Days: 196

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


 Chairman
 Academic Calendar Committee


 Principal
 Yashwantrao Chavan College of Science