

The Poona Gujarati Kelwani Mandal's

**Haribhai V. Desai
College of
Commerce, Arts &
Science**

Internal Quality Assurance Cell (IQAC)

**Annual Quality Assurance Report
(AQAR)**

(Revised in October 2014)

Academic Year 2014-2015

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

I. Details of the Institution

1.1 Name of the Institution

Haribhai V. Desai College of Commerce, Arts and Science.

1.2 Address Line 1

596, Budhwar Peth, Behind Shaniwar Wada,

Address Line 2

Near Sakal Office,

City/Town

Pune 411002.

State

Maharashtra

Pin Code

411 002

Institution e-mail address

haribhaivdesai@rediffmail.com

Contact Nos.

+9120-24463914 Ext.201,202

Name of the Head of the Institution:

Dr. Girish Rajaram Pathade

Tel. No. with STD Code:

+9120-24463914 Ext. 201,202

Mobile:

9823145387

Name of the IQAC Co-ordinator:

Mr. Peeyush Pahade

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID 13661

1.4 Website address:

Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR201213.doc>

1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	73.05 %	2003-2004	5 years
2	2 nd Cycle	A	3.13	2012-2013	5 years
3	3 rd Cycle	--	--	2016-2017	Due
4	4 th Cycle	--	--	--	--

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

1.7 AQAR for the year (for example 2010-11)

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 2012-2013 (DD/MM/YYYY)

- ii. AQAR 2013-2014 (DD/MM/YYYY)
- iii. AQAR 2014-2015 (DD/MM/YYYY)
- iv. AQAR 2015-2016 (DD/MM/YYYY)

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)

B.Sc. (Computer Science), BBA, , BCA, MCA, M.Sc.(Computer Science),M.Com., M.Sc. (Chemistry, Physics)

1.11 Name of the Affiliating University (for the Colleges)

Savitribai Phule Pune University,
Pune-07

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	-	UGC-CPE	-
DST Star Scheme	-	UGC-CE	-
UGC-Special Assistance Programme	-	DST-FIST	-
UGC-Innovative PG programmes	-	Any other (<i>Specify</i>)	✓ Development Grant , Remedial Teaching, coaching class for entry in services for SC,ST,OBC(non creamy layer and minorities) under UGC XII plan.
UGC-COP Programmes	-		

2. IQAC Composition and Activities

2.1 No. of Teachers	03
2.2 No. of Administrative/Technical staff	01
2.3 No. of students	02
2.4 No. of Management representatives	02
2.5 No. of Alumni	03
2.6 No. of any other stakeholder and community representatives	01
2.7 No. of Employers/ Industrialists	01
2.8 No. of other External Experts	01
2.9 Total No. of members	14
2.10 No. of IQAC meetings held	14

2.11 No. of meetings with various stakeholders:	No.	01	Faculty	05
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Non-Teaching Staff /Students

Alumni

Others

2.12 Has IQAC received any funding from UGC during the year? Yes

If yes, mention the amount

3,00,000/-

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

Documentation Methodology

2.14 Significant Activities and contributions made by IQAC

Methodology of departmental filling,API verification of previous year,Departmental presentation,departmental SWOT,Departmental planning,students feedback programme,12th plan requirement proposal,submission of Teachers' Diary ,departmenta reports,individual activity detail at the end of academic year,

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
UGC 12 th plan requirement proposal, Distribution of Teachers' Diary,requirement of computer,printer,internet,antivirus,scanner etc...	Sanctioned amount of Three Lakhs by UGC,Successfully completion and verification of API form for previous year,collection of departmental reports,Individual activity report, Departmental SWOT,achievements

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body : Yes

Management Syndicate Any other body

Provide the details of the action taken

AQAR reports of the year 2012-13, 2013-14, 2014-15 to be sent at the earliest. Teacher's diary and diary for non teaching staff should be prepared. Service book of teaching employees is to be given in the beginning of next academic year.

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	---	---	---	---
PG	05	---	---	---
UG	06	---	---	---
PG Diploma	---	---	---	---
Advanced Diploma	---	---	---	---
Diploma	---	---	---	---
Certificate	02	---	---	---
Others	---	---	---	---
Total	13	---	---	---
Interdisciplinary	---	---	---	---
Innovative	---	---	---	---

1.2 (i) Flexibility of the Curriculum:Core,Elective option

The College offers following degree courses affiliated to Pune University:

Undergraduate Programs:

1. B. Com.
2. B. Sc. (Chemistry/ Microbiology/ Physics / Computer Science).
3. B. A. (Political Science / History/ English).
4. B.C.A.
5. B.B.A.

Post Graduate Programs:

1. M. Com.
2. M. Sc. (Computer Science)
3. M.Sc. Physics
4. M.Sc.Chemistry- Analytical Chemistry
5. MCA

Academic flexibility for B.Com. :

F.Y.B.Com.:

There are seven papers out of which five are compulsory and two are optional. The Compulsory papers are:

- Functional English
- Economics
- Financial Accounting
- Office Management
- Marketing Management

Optional papers:

- Marathi
- Hindi
- Gujarati
- Mathematics and statistics
- Computer CONCEPT & Programming

S.Y.B.Com.:

There are six papers out of which five are compulsory and one is optional.

Compulsory papers:

- Business Communication
- Corporate Law
- Corporate Accounting
- Business Management
- Business Economics

Optional papers:

- Cost & Works Accounting
- Marketing Management

There are practicals for Marketing Management, Cost & Works Accounting and Business Communication Component along with the theory papers.

T.Y. B. Com.

There are six papers out of which four are compulsory and two are optional.

The compulsory papers:

- Business Regulatory Framework
- Indian Economy
- Taxation and Auditing
- Advanced Accounting

Optional papers are:

Any one of the two:

- Marketing Management – II and III
- Cost & Works Accounting- II and III

At T.Y Level, there is an evaluative component for practical in the subjects of Marketing Management, Cost & Works Accounting and Auditing Taxation as a part of their theory syllabus.

B.A. (Bachelor of Arts)

For B.A. course at F.Y. level, student chooses six papers out of eight.

Compulsory paper:

- Compulsory English

The subjects available at F.Y. general level are:

General Paper:

- Marathi
- Optional English
- Political Science
- Psychology
- Sociology
- History
- Geography

At second year (S.Y.B.A.), specialization begins. The College offers three special subjects out of which the student can choose one. The student chooses three optional subjects out of eight.

Compulsory paper:

- Compulsory English

Special Level papers (Any one):

- English
- Political Science
- History

General Level subjects:

- Marathi
- Political Science
- History
- Geography.

At T.Y.B.A. level the student continues with the subjects chosen at S.Y. level.

B.Sc. :

The College offers seven subjects for Science. A student has to choose four subjects at F.Y.B.Sc. level. These subjects are Chemistry, Physics, Microbiology, Zoology, Botany, Statistics and Mathematics. The subjects are chosen in groups these are:

- Physics (P), Chemistry (C) Botany(B), Zoology(Z) **(PCBZ)**
- Chemistry (C), Botany(B), Zoology(Z), Microbiology(Mi), **(CBZMi)**
- Chemistry (C) ,Physics (P), Statistics (S), Mathematics (M) **(PCMS)**

At S.Y.B.Sc. level, the student chooses three subjects out of four. Besides, three subjects and one language (English / Marathi). The groups offered are as follows:

Groups at S.Y.B.Sc. (anyone of the following)	Language (any one of the following):
CBZ	English
PCB	Marathi
PCM	
PMS	
CBMi	
CZMi	

There are three papers for each subject at F.Y.B.Sc which consists of two theory and one practical paper. The theory papers at F.Y.B.Sc. have an annual pattern of examination, while at S.Y.B.Sc, the theory papers are as per the semester pattern. The practical papers are annual.

S.Y.B.Sc. has eight theory papers, four in each semester and three practical courses are annual.

At T.Y.B.Sc, the student choose one subject out of three offered at S.Y.B.Sc. The College offers specialization in three subjects i.e. Chemistry, Physics and Microbiology.

At specialization level, a student has nine papers- six theory and three practical papers. The six theory papers have semester pattern while the practical papers have an annual pattern of examination.

There are two M.Sc. courses viz. Physics and chemistry. These courses follow the four credit system pattern.

B.Sc. (Computer Science):

At F.Y.B.Sc, there are four subjects –

- Computer Science
- Electronic Science
- Statistics
- Mathematics
-

COURSE NO.	TITLE
Computer Science Paper I(CS-101)	Problem Solving Using Computers and 'C' programming
Computer Science Paper I(CS-102)	File Organization and Fundamental of Databases
Computer Science Paper I(CS-103)	Computer Science Practical Paper I
Computer Science Paper I(CS-104)	Computer Science Practical Paper II

COURSE NO.	TITLE
MTC 101	Discrete Mathematics
MTC 102	Algebra and Calculus
MTC 103	Mathematics Practicals

COURSE NO.	TITLE
Theory Paper I (ELC-101) (First term)	Principles of Analog Electronics
Theory Paper I (ELC-101) (Second term)	Principles of Analog Electronics
Theory Paper II (ELC-102) (First term)	Principles of Digital Electronic
Theory Paper II (ELC-102) (Second term)	Principles of Digital Electronics
Practical Paper III (ELC-103) (First & Second Term)	Practical

At S. Y. B. Sc (Computer Science) level, there are three subjects and English. These are:-

- Computer Science
- Electronic Science
- Mathematics
- English

Paper - I: Digital System Hardware (ELC 211)

Paper-II: Analog Systems (ELC 212)

Paper/ Course No.	Title
Computer Science Paper I (CS-101)	Problem Solving Using Computers and 'C' Program
Computer Science Paper II CS-102	File Organization and Fundamental of Database

Computer Science Practical Paper I (CS-103)	Computer Science Practical Paper I
Computer Science Practical Paper II (CS-104)	Computer Science Practical Paper II

S.Y.B.Sc(Computer Science) Electronics- Semester II

Paper-I: The 8051 Architecture, Interfacing & Programming (ELC 221)

Paper- II: Communication Principles (ELC 222)

Paper- III: Practical Course (ELC-203)

Sem-I	Paper-I : Digital System Hardware (ELC 211)	Paper-II: Analog Systems (ELC 212)
Sem-I	Paper-I: The 8051 Architecture, Interfacing & Programming (ELC 221)	Paper-II: Communication Principles (ELC 222)
Sem-I & ii	Paper- III: Practical Course (ELC 203)	

Mathematics

	Semester - I		Semester -II	
Paper I	Applied Algebra	(MTC :211)	Computational Geometry	(MTC:221)
Paper II	Numerical Analysis	(MTC:212)	Operations Research	(MTC:222)
Paper III	Practical			(MTC:223)

T.Y.B.Sc. has six theory papers and three practical papers.

No	Paper	Title: Semester I	Title: Semester II
1	Computer Science Paper I	CS-331: System Programming	CS-341: Operating System
2	Computer Science Paper II	CS-332: Theoretical Computer Science	CS-342: Compiler Construction
3	Computer Science Paper III	CS-333: Computer Networks-I	CS-343: Computer Networks-II
4	Computer Science Paper IV	CS-334: Internet Programming- I	CS-344: Internet Programming- II
5	Computer Science Paper V	CS-335: Programming in Java-I	CS-345: Programming in Java-II
6	Computer Science Paper VI	CS-336: Object Oriented Software Engineering	CS-346: Computer Graphics
7	Computer Science Paper VII	CS-347: Practicals Based on CS-331 and CS341 – Sem I & Sem II	
8	Computer Science Paper VIII	CS-348: Practicals Based on CS-335 and CS-344 – Sem I & Sem II and Computer Graphics using Java	
9	Computer Science Paper IX	CS-349: Practicals Based on CS-334 and CS-344 – Sem I & Sem II and Project	

At S.Y. level an Environmental awareness course is present for all the students. This course is compulsory and has grades.

M.Sc. Computer Science

BBA:

BCA

FYBCA Subject list:

Sem-I

101 Modern Operating Environment & MS Office

102 Financial Accounting

103 Programming Principal & Algorithms

104 Business Communication

105 Principles of Management

106 Laboratory Course – I

Sem-II

201 Procedure Oriented Programming using

202 Data Base Management System

203 Organizational Behavior

204 Computer Applications in Statistics

205 E-Commerce Concepts

206 Laboratory Course – II

SYBCA subject list

Sem-III

301 Relational Database Management Systems

302 Data Structures using C

303 Operating System Concepts

304 Business Mathematics

305 Software Engineering

306 Laboratory Course – II

Sem-IV

401 OOP's using C++

402 Programming in Visual Basic

403 Computer Networking

404 Enterprise Resource Planning

405 Human Resource Management

406 Laboratory Course – IV

TYBCA Subject list

Sem-V

501 Java Programming

502 Web Technologies

503 Dot Net Programming

504 Object Oriented Software Engg.

505 Software Project – I

Sem-VI

601 Advanced Web Technologies

602 Advanced Java

603 Recent Trends in IT

604 Software Testing

605 Software Project – II

MCA (Science)

Year/ Semester	Subject	Paper	Title of Paper	Hours / Week	Credit
I Year Sem-I	Core	CA-101	Programming with C	4	4
	Core	CA-102	DBMS	4	4
	Core	CA-103	Mathematical Foundation	4	4
	Core	CA-104	Concrete Mathematics Graph Theory	4	4
	Core	CA-105	Computer Organisation	4	4
	Core	CA-106	Lab on CA-101 & CA- 102	4	5

Minimum Credit : 25, Core Subject is compulsory IA- Internal Assessment, U Examination.

Year/ Semester	Subject	Paper	Title of Paper	Hours/ Week	Credit
I Year Sem-II	Core	CA-201	Data Structures	4	4
	Core	CA-202	TCS	4	4
	Core	CA-203	OOP- C++	4	4
	Core	CA-204	Computer Networks	4	4
	Core	CA-205	ADBMS	4	4
	Core	CA-206	Lab. on CA- 201,CA-203 & CA- 205	4	5

Minimum Credit : 25 , Core Subject is compulsory. IA- Internal Assessment Examination.

Year/ Semester	Subject	Paper	Title of Paper	Hours / Week	Credit
II Year Sem-III	Core	CA-301	DAA	4	4
	Core	CA-302	Operating System	4	4
	Core	CA-303	Software Engineering	4	4
	Core	CA-304	Java	4	4
	Core	CA-305	Lab. on 302 & 304	4	5
	Elective	CA-306	Project	4	4
	Elective	CA-307	Numerical Methods	4	4
	Elective	CA-308	Multimedia Systems	4	4
	Elective	CA-309	Dot Net	4	4

Year/ Semester	Subject	Paper	Title of Paper	Hours / Week	Credi t	% of Assessment		
						IA	UE	Total
II Year Sem-IV	Core	CA-401	Computer Graphics	4	4	50	50	100
	Core	CA-402	SDK	4	4	50	50	100
	Core	CA-403	Advance Java	4	4	50	50	100
	Core	CA-404	Object oriented Software Engineering	4	4	50	50	100
	Core	CA-405	Lab. on 401,402 &403	4	5	50	50	100
	Elective	CA-406	Project	4	4	50	50	100
	Elective	CA-407	Cyber Law	4	4	50	50	100
	Elective	CA-408	Soft Computing	4	4	50	50	100
	Elective	CA-409	Artificial Intelligence	4	4	50	50	100

Minimum Credit : 25 , Maximum Credit 33 . Core Subject is compulsory, From elective courses student can select one course for Minimum credit and Three for Maximum Credit. IA- Internal Assessment, UE –University Examination.

Year/ Semester	Subject	Paper	Title of Paper	Hours / Week	Credit	% of Assessment		
						IA	UE	Total
II Year Sem-V	Core	CA-501	Internet Programming	4	4	50	50	100
	Core	CA-502	Principle of Programming Languages	4	4	50	50	100
	Core	CA-503	Data Mining & Warehousing	4	4	50	50	100
	Core	CA-504	Software Project Management	4	4	50	50	100
	Core	CA-505	Lab. on 501,502 &505	4	5	50	50	100
	Elective	CA-506	Project	4	4	50	50	100
	Elective	CA-507	Image Processing	4	4	50	50	100
	Elective	CA-508	E-Commerce	4	4	50	50	100
	Elective	CA-509	Mobile Computing	4	4	50	50	100

Minimum Credit : 25 , Maximum Credit 33 . Core Subject is compulsory, From elective courses student can select one course for Minimum credit and Three for Maximum Credit. IA- Internal Assessment, UE –University Examination.

Year/ Semester	Subject	Paper	Title of Paper	Hours / Week	Credit	% of Assessment		
						IA	UE	Total
III Year Sem-VI	Core	CA-601	Industrial Training /Institutional project	--	17	25	75	100
	Elective	CA-602	Software Testing & Quality Assurance	4	4	50	50	100
		CA-603	Embedded Systems	4	4	50	50	100
		CA-604	Information Security And Audit	4	4	50	50	100
		CA-605	Cloud Computing	4	4	50	50	100

Core Subject is compulsory. If student had completed 133 credit within Five semesters then no need to select any elective course. Otherwise student should select required elective courses to complete 150 credit.

M.Sc. (Comp.Sc.)

Year/ Semester	Subject	Paper	Title of Paper
I Year Sem-I	Core	CS-101	Principles of Programming Languages
	Core	CS-102	Advanced Networking
	Core	CS-103	Distributed Database Concepts
	Core	CS-104	Design and Analysis of Algorithms
	Core	CS-105	Network Programming

Minimum Credit: 25 Maximum Credit : 25. Core Subject is compulsory.

IA :- Internal Assessment, UE :-

University Examination

Year/ Semester	Subject	Paper	Title of Paper
I Year Sem-II	Core	CS-201	Digital Image Processing
	Core	CS-202	Advanced Operating Systems
	Core	CS-203	Data Mining and Data Warehousing
	Core	CS-204	Project
	Elective	CS-205	Programming With DOT NET
	Elective	CS-206	Artificial Intelligence
	Elective	CS-207	Advance Design and Analysis of Algorithms

Minimum Credit : 25 Maximum Credit : 30. Core Subject is compulsory. From elective courses student can select one course for minimum credit and two for maximum credit. IA :- Internal Assessment, UE :- University Examination

Year/ Semester	Subject	Paper	Title of Paper
II Year Sem-III	Core	CS-301	Software Metrics & Project Management
	Core	CS-302	Mobile Computing
	Core	CS-303	Soft Computing
	Elective	CS-304	Project
	Elective	CS-305	Web Services
	Elective	CS-306	Database and System Administrator
	Elective	CS-307	Functional Programming
	Elective	CS-308	Business Intelligence

Minimum Credit: 25 Maximum Credit : 35, Core Subject is compulsory, From elective courses student can select two course for minimum credit and four for maximum credit. IA :- Internal Assessment, UE :- University Examination

Year/ Semester	Subject	Paper	Title of Paper	Credit	% of Assessment		
					IA	UE	Total
II Year Sem-IV	Core	CS-401	Industrial Training /Institutional project	15	50	50	100
	Elective	CS-402	Parallel Computing	5	50	50	100
	Elective	CS-403	Embedded System	5	50	50	100
	Elective	CS-404	Software Quality Assurance	5	50	50	100
	Elective	CS-405	Modeling and Simulation	5	50	50	100

Core Subject is compulsory. If student had completed 85 credit within three semesters then no need to select any elective course otherwise student should select appropriate number of elective courses to minimum complete 100 credits.

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	09
Eighty-Twenty Pattern	02
Annual	----

1.3 Feedback from stakeholders* (On all aspects) Alumni Parents Employers Students

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

**Please provide an analysis of the feedback in the Annexure*

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

Yes, B.A., B.Com. and B.Sc. second year syllabi were revised in the academic year 2014-15. The syllabi were updated taking into consideration the need of the day.

S.Y.B.Com. subjects restructured and all papers includes case study and project work. New company law 2013 is introduced in S.Y.B,Com.Stu dents get exposure of different amendments made in company law 1956 and 2013.

The general paper II of English is revied and fifty percent marks are given for Linguistics.The generalpaper II English consists of short stories which is the literary Genre of the day.

S.Y.B.Sc. revised syllabus is introduced for all subjects.Physics syllabus is based on general physics and electronics.In electronicscourse some part of syllabus is reduced depending on the content and understanding of students.The courses are based on general physics ,electronics and light.

M.Sc Physics,chemistry syllabus of four credit system is introduced.

M.Sc. Computer Science,MCA syllabus was also restructured on choice based credit system.

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
52	20	20	---	12

2.2 No. of permanent faculty with Ph.D. 24

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
19	03	18	00	00	00	12	00	49	00

2.4 No. of Guest and Visiting faculty and Temporary faculty

-----	----	12
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2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	23	25	11
Presented	20	25	11
Resource Persons	01	09	19

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

Power Point Presentation, Peer Teaching, Case Study, Group Discussion. Field Work etc.

S

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

185

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

Question banks are provided to students of all faculties and answer books are assessed for better preparation of the examinations. Online entrance examination for M.Sc. (Comp.Sci.) is conducted every year.

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

10	BOS: 05	07
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2.10 Average percentage of attendance of students

65%

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.Com.	286	34	60	72	120	87
B.A.	65	04	19	20	04	66
B.Sc.	79	40	15	05	10	88.60
B.Sc.(Comp.Sci.)	141	04	25	17	04	35.46
BCA	43	02	15	15	00	76.74
BBA	23	01	09	20	00	87
M.Com	47	15	11	08	07	87
MCA	29	03	17	05	04	100
M.Sc.(Comp.Sci.)	28	09	09	10	00	100
M.Sc(Physics)	25					92
M.Sc.(Chemistry)	21	01	17	02	00	95.23

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

It is mandatory for teachers to submit teaching plans and academic calendars to IQAC at the beginning of every academic year. And teachers submit Individual activity report and Departmental activity report to IQAC at the end of the academic year. Result analysis is to be submitted by departments for the respective courses in the beginning of academic year. Accordingly teachers work is assessed and marks are given in the Academic Performance Indicator form.

IQAC motivates teachers to attend various faculty development programs, orientation and refresher courses, seminars, syllabi revision workshops etc.

Students' feedback about the teachers is taken every year and analysis is done in graphical format. Principal Sir discusses with individual teacher about his/her strengths and lacunas in teaching and teachers are advised to develop the weak areas.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	03
UGC – Faculty Improvement Programme	--
HRD programmes	--
Orientation programmes	00
Faculty exchange programme	--
Staff training conducted by the university	--
Staff training conducted by other institutions	--
Summer / Winter schools, Workshops, etc.	04
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	21	04	00	00
Technical Staff	01	00	00	00

Criterion – III

3. Research, Consultancy and Extension

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

Newly appointed teachers are motivated to apply for research projects to UGC and BCUD, SPPU, Pune .

Each Department of the college takes initiatives in organization of workshops, seminars and conferences for teachers as well as students.

IQAC of the college plays vital role in providing financial assistance for all these programs.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	01	01	00	01
Outlay in Rs. Lakhs	--	5.19	--	--

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	00	05	03	00
Outlay in Rs. Lakhs	--	7.89	6.10	--

3.4 Details on research publications

	International	National	Others
Peer Review Journals	02	00	--
Non-Peer Review Journals	19	01	--
e-Journals	--	--	--
Conference proceedings	--	11	--

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	2013-2016	UGC	5,19,000/-	4,69,000/-
Minor project	2013-2015	UGC	3,74,000/-	3,74,000/-
Interdisciplinary Projects	---	---	---	----
	2014-2015	BCUD, SPPU	10,25,000/-	10,25,000/-
Students research projects <i>(other than compulsory by the University)</i>	2014-15 (18 Avishkar projects)	Through MRP Funds		-
Any other(Specify)	--	--	--	--
Total	--	--	19,18,000/-	18,68,000/-

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: Nil

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
06	00	01	03	00	02	00

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

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	<input type="text" value="--"/>	College forum	<input type="text" value="05"/>		
NCC	<input type="text" value="--"/>	NSS	<input type="text" value="17"/>	Any other	<input type="text" value="--"/>

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

- * Blood donation camp
- * River cleanliness drive
- * Police mitra programme during Ganpati festival
- * Aids awareness rally
- * NSS camp

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	32,000 sq.ft.	--	--	32,000 sq.ft.
Class rooms	42	--	--	42
Laboratories	16	--	--	--
Seminar Halls	02	--	--	02
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	01	--	--	--
Value of the equipment purchased during the year (Rs. in Lakhs)	--	--	--	18,52,975/-
Others	--	--	--	--

4.2 Computerization of administration and library

Haribhai V. Desai college has balanced and up-to date collection of reference books, texts books and general reading books. Library subscribes 11 leading newspapers available in Marathi, English and Gujarati language. 14 current magazines are available in the library for CAS (current awareness service) to the students and faculty members, it includes Chronicle, Competition Success Review, Lokrajya, Yojana , Outlook, India Today, Employment News etc.

Library is partially automated with “Vriddhi” software. Bar coding of books is in progress. The library has N-List database for e-journals and e-books. A separate computer terminal is available for the students and faculty members to N-List . Various CD’s are available in the library for students and faculty members.

Computerisation of the administration work is also done with ‘Vriddhi’ software but currently it is used only for the examination work.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	3111	322555	1738	211412	4849	533967
Reference Books	7802	1589802	236	130953	8038	1590038
e-Books	--	--	--	--	--	--
Journals	--	--	--	--	--	--
e-Journals	--	--	--	--	--	--
Digital Database	--	--	--	--	--	--
CD & Video	55	00	10	00	65	00
Others (specify)(General Reading+Comp. Exam)	1137	190806	183	44949	1320	235755

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart- ments	Others
Existing	187	116	04 mbps	22	-	19	50	02
Added	03	-	-	-	-	-	-	-
Total	190	116	-	22	-	19	53	02

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

Haribhai V.Desai College library has balanced upto date of collection of reference books and general reading books. Library subscribes 11 leading news papers,available in Marathi,English and Gujrati language.14 current magazines are available in the library for providing CAS (Current Awareness Services) to the students and faculty members.It includes chronicle,competition success,Lokrajya,Yojana,Outlook,India Today,Employment News etc....

Library is partially automated with 'Vridhhi' software.Barcoding of books is in progress.The library has N-lilst database for journals and E-Books.A separate computer is available for all students and faculty members .Various CD,s are available in the library for for students and faculty members.

4.6 Amount spent on maintenance in lakhs :

i) ICT	71660/-
ii) Campus Infrastructure and facilities	293176/-
iii) Equipments	111813/-
iv) Others	20201/-
Total :	496850/-

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Creating awareness among the students to apply for number of university and other scholarships.

Promoting to participate in various competitive examination.

Provision of more computers for faculty and IQAC cell.

Good quality of chairs for faculty.

5.2 Efforts made by the institution for tracking the progression

The institution has applied to Savitribai Phule Pune University, Pune to commence PG courses. They are M.A. in Political Science, English, and History.

The institution has also applied to Savitribai Phule Pune University, Pune for starting additional division of F.Y.B.Com, F.Y.B.A., F.Y.B.Sc.

The institution has also applied to Savitribai Phule Pune University, Pune for starting research centres in Physics, Chemistry, Microbiology & Commerce etc.

Every year institution spends highest percentage of its budget in up gradation of the library by purchasing new books and reference books and subscribing national and international e-journals and journals in printed format.

The library of the college has collaborations with British Council Library, Pune and Jaikar Library, Savitribai Phule University of Pune, Pune, teachers of the college avail this facility for research and referencing work.

All the teachers are also provided with individual passwords for using the facility of UGC Inflibnet online library.

The campus is safe and secure for the staff and students because it is under CCTV surveillance.

Digital Display Board is installed in the porch of the college to display notices to students.

A separate terminal is provided for the students in the library for surfing and referencing purposes.

Motivating students to participate in various seminars, quiz, various competitions, research project competitions and sports events at the same time providing financial assistance for the same.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1609		---	

(b) No. of students outside the state

04

(c) No. of international students

Men

	No	%
Granted	725	45.05
Non granted	511	48.52

Women

	No	%
Granted	884	54.94
Non granted	542	51.47

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1618	121	10	134	----	1883	1319	118	14	158	---	1609

Demand ratio :112%

Dropout : 0.01 %

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

The college is conducting coaching class for entry in servise for SC,ST,OBC(non creamy layer and minorities) under UGC XII plan.The sanction amount is Rs.500000/- for the same.The amount received for the given year is 2.50000/-Expenses incurred till date is Rs.1.25000/-Every year 100 students are admitted and benefitted from the programme

No. of students beneficiaries

100

5.5 No. of students qualified in these examinations

NET	--	SET/SLET	--	GATE	--	CAT	--
IAS/IPS etc	--	State PSC	--	UPSC	--	Others	03

5.6 Details of student counselling and career guidance

Counselling is done by concerned teachers regarding academics, personal and financial issues and future career scope.

No. of students benefitted

1000

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
11	30	10	03

5.8 Details of gender sensitization programmes

The Women Empowerment cell of the college organises various workshop on “Women Empowerment in the era of globalisation” for girls student.

5.9 Students Activities

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

State/ University level

11

National level

07

International level

00

No. of students participated in cultural events

State/ University level

10

National level

16

International level

00

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

Sports : State/ University level

05

National level

01

International level

00

Cultural: State/ University level

05

National level

--

International level

--

5.10 Scholarships and Financial Support

	Number of Students	Amount
Financial support from institution	--	--
Financial support from government	--	14,12,215/-
Financial support from other sources	99	10,30,000/-
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: 20 toilet blocks are constructed for lady students.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision

To Advance the cause of higher education amongst students representing lower and middle income groups and traditional business sections.

To provide an environment that promotes a holistic approach towards life with education as a medium to prosper in all walks of life.

To develop scientific temper in young minds, to cultivate their attitude effectively towards becoming world citizens.

Mission :

‘To create a center of academic excellence in the field of higher education and for the development of the right skills oriented towards self- improvement, self -employment and life.’

6.2 Does the Institution has a management Information System

Yes, the Institution has a management Information System. Collection, alignment and integration of data is done through IQAC of the College.

Various systems and forms have been developed by the IQAC to facilitate quick and effective reporting.

The cell compiles data from various departments and arranges it as per the need.

The data is provided to the University, State Government and the Management of the College.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The syllabi of various courses run by the institution are as per the curriculum of University of Pune. The meetings of Board of Studies, University of Pune, of all subjects are conducted regularly.

The syllabi revisions suggested by the UGC are taken into consideration while restructuring the syllabi.

The ideas obtained from various academic bodies and industrial experts are also incorporated into the syllabi after academic discourse.

Seven teachers from our college are working on Board of Studies of various subjects as Chairman, members and co-opted members.

The institution actively organizes syllabi revision workshops. In this academic year the departments of English, Physics, Botany, Zoology, Mathematics and Statics have participated in syllabi revision workshops.

Most of the teachers of the college attend the syllabi revision workshops conducted in other institutes and provide their valuable suggestions regarding syllabi revision.

6.3.2 Teaching and Learning

A better infrastructure facility is the need for good teaching and learning. Provision of college library and departmental library for students.

Provision of the notes by the teachers to the students in soft and hard copy. Problem solving sessions organised for every course. It helps a lot in competitive examination.

Promoting student and teacher interaction by the use of various teaching methodologies and teaching aids. Provision of departmental library provides an easy access to students.

Promoting rapport building between teachers and students

ICT facilities are provided to teachers to make teaching and learning more effective and fruitful. Also students are acquainted with better facility of computer for current update of subject, competitive exam information, research work etc... Students are encouraged and guided to involve in research and project work so that they will have deep understanding of subject.

Students' feedback about teachers' performance is reviewed; accordingly teachers are recommended few suggestions regarding teaching skills.

Teachers are motivated to conduct remedial teaching for slow learners and socially & economically backward students.

Teachers encouraged talented students for participating in various competitive examinations, research work, and participation in various workshops.

6.3.3 Examination and Evaluation

College Examination Officer is appointed in the college for smooth functioning of the examination department as per the university norms.

Internal Squad of senior teachers is appointed during internal as well as university exams to prohibit copy cases.

The college examination department declares the results of internal exams, Term-end exam and F.Y.B.A., F.Y.B.Sc. and F.Y.B.Com results within 30 days of the examination.

Science faculty of the college conducts internal exam of 10 marks twice to give opportunity of improvement for slow learners. Term end exam for F.Y.B.Sc.in first term is planned to implement from next academic year.

6.3.4 Research and Development

Newly appointed teachers are motivated to apply for research projects to UGC and BCUD, SPPU, Pune .

Each Department of the college takes initiatives in organization of workshops, seminars and conferences for teachers as well as students. IQAC provides those guidelines and details of funding agencies such as BCUD, SPPU, QIP, SPPU for financial assistance.

Newly appointed teachers are motivated to apply for research projects to UGC and BCUD, SPPU, Pune . Teachers are motivated to apply for research projects as well guide students for research project competitions.

IQAC of the college plays vital role in providing financial assistance for all these programs.

Nine teachers of the college are Ph.D. guides and total fifteen students registered under them .

6.3.5 Library, ICT and physical infrastructure / instrumentation

Haribhai V. Desai College has balanced and up-to date collection of reference books, texts books and general reading books. Library subscribes 11 leading newspapers available in Marathi, English and Gujarati language. 14 current magazines are available in the library for CAS (current awareness service) to the students and faculty members, it includes Chronicle, Competition Success Review, Lokrajya, Yojana , Outlook, India Today, Employment News etc.

Library is partially automated with “Vridhhi’ software. Bar coding of books is in progress. The library has N-List database for e-journals and e-books. A separate computer terminal is available for the students and faculty members to N-List . Various CD’s are available in the library for students and faculty members.

Computerisation of the administration work is also done with ‘Vridhhi’ software but currently it is used only for the examination work.

The institution spends every year about Rs. 2.5 lac – Rs. 5.00 lac on purchasing of new books as per the revised syllabi and demands of the teachers and students.

6.3.6 Human Resource Management

The institution believes that Human Resource is vital ingredient for the success of the institution.

The institute believes in bonding humanity with team work and hence encourages HRP (Human Resource Planning).

The management assess the performance of the committee and employees' every academic year, the appraisals are done and best performances are awarded certificates and cash prizes.

6.3.7 Faculty and Staff recruitment

The number of teaching faculty posts in the granted section of the institution are recruited as per UGC and Savitribai Phule Pune University, Pune norms . No teaching faculty post is vacant till date.

The number of non-teaching faculty posts vacant are 04.

The number of non-teaching faculty posts recruited is 21.

The number of teaching faculty posts in the self-financed section of the institution is recruited as per the demand of the college. No teaching faculty post is vacant till date.

6.3.8 Industry Interaction / Collaboration

Respective departments of science faculty are arranged various industrial visit and research institutes. These includes SERUM, National AIDS Research Institute, National institute of Virology, Fisheries department, Government of India, Windmill power project, Chalkewadi, Satara, Katraj milk Dairy, Pune, Waste water Plant, CSIR National institute of oceanography. Usually five industrial visits are organized including large scale, medium and tiny industries. Economic industry organises industrial visit to MAPRO, Mahabaleshwar, PARLE G production, Satara. BCS department arranged industrial visit to Proceca Instrumentation and automation industry .

6.3.9 Admission of Students

Admission for First Year B.A. and B.Sc. are given on first come priority basis.

Admission for F.Y.B.Com in 'A' & 'B' divisions are given on priority basis to students who pass out from Haribhai V. Desai Junior College and Acharya Shri. D.B. Dadawala Junior college. The admissions for 'C' division are given to students from other junior colleges on merit basis.

Admission for First Year BBA and BCA, B.Sc. (Comp.Sci.) are given on first come priority basis.

Admission for First Year MCA and M.Com. are given on first come priority basis.

Online Entrance exam is conducted for admission to M.Sc. (Comp.Sci) and admissions are given according to the merit list of the entrance exam.

6.4 Welfare schemes for

Teaching	----
Non teaching	01
Students	07

6.5 Total corpus fund generated

--

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	-	-	Yes	IQAC
Administrative	Yes	CA	Yes	management

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?

Examination Question Papers of BCA, B.Sc, B.Sc.(Comp.Sci.), B.Com are sent to colleges online by the university an hour before the examination.

Credit based courses are made compulsory for PG courses. Credit based marking system is applied to all PG courses.

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

University is motivating colleges to run autonomous courses designed and formed by the colleges.

6.11 Activities and support from the Alumni Association

The college has distinct Alumni associations of all faculties of the college and regular activities of the Alumni Association are organized by concerned committees regularly.

BBA Alumni has a strong bonding with the regular students of the department and they visit voluntarily and motivate and guide the students regarding MBA course and entrepreneur skills.

6.12 Activities and support from the Parent – Teacher Association

Parent-Teacher meetings are held for strengthening the relationship and association between parents and the college. Parents are informed about their ward's development.

6.13 Development programmes for support staff

The management of the college gives financial assistance of Rs.20,000 to support staff in case of any medical emergency.

Concession is given in the admission fee of the college for the pupils of support staff.

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

Beautification of the campus by planting the trees in the college campus.

Bio-gas is used for the college canteen which is being run on the bio-degradable waste created in the college campus.

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.

Impementation of Teachers' diary

Creating awareness among the students about social responsibility by organizing various programs and motivating students to participate in various social drives and campaigns.

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

Organised university level one day seminar on carrer opportunities in research and industry by physics department.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

1. Healthy student-teacher relationship is the strength of the institute.
2. Socially, economically and educationally backward students are given admission in the college on priority basis.
3. Department of Physics students has organised SNEH BHOJAN for teachers of physics,mathematics,statistics &M.Sc Physics department.Students are instructed to cook themself and delicious food of many varieties were enjoyed by staff,lab attendents and students.Students including girls and boys were appericiated the activity.
4. Every year department of Physics organises Eid Party for teaching and non teaching.

7.4 Contribution to environmental awareness / protection

Swachh Bharat Abhiyan programme was successfully run by college for cleaning class rooms,college premises,toilets as well as shaniwar wada road.

Rain water harvesting system for increasing ground water level of the well in the college.

Beautification of the campus by planting various trees.

Bio-gas plant for the canteen is run by using decomposable waste generated in the college campus.

7.5 Whether environmental audit was conducted? No

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

Strengths

Optimum utilization of the college space in morning and afternoon session.

Admission of the students from nook and corners of Maharashtra.

Central location of the college

College is located on bus routes and near railway station so students from vicinity of the city are also taking admission in the college.

Safe and secure environment of the college is adding to admission of girl students in the college.

Caring, helping and co-operative teaching and non-teaching staff.

Highly Qualified, experienced teaching faculty

Weaknesses

Sports Ground is not available for the college.

Library need to be strengthened with national and international journals.

Opportunities

Various autonomous and UGC short term courses and credit based course of the university can be started.

Developing industry-academia interface

College infrastructure can be utilized for generation of additional corpus fund.

Threats

Constraints of the physical space for new infrastructure development in the college campus which can affect the future growth of the college.

8. Plans of institution for next year

To prepare proposals to be submitted to university for commencing PG courses (Microbiology, EVS) and research centres

Preparation for Best College Award

Preparation for College with Potential Excellence (CPE)

Applying for different research projects to involve students in research activity.

Organization of International Conference, seminar, workshops.

Organising quality improvement programme for staff

Mr. Peeyush Pahade

Coordinator, IQAC

Dr. Girish Pathade

Chairperson, IQAC