

The Poona Gujarati Kelwani Mandal's

**Haribhai V. Desai
College of**

Arts, Science & Commerce

Internal Quality Assurance Cell (IQAC)

**Annual Quality Assurance Report
(AQAR)**

(Revised in October 2014)

Academic Year 2015-2016

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 Arts , Science & Commerce

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:

+919922995186

IQAC e-mail address:

iqachvd@gmail.com

1.3 NAAC Track ID **13661**

1.4 Website address:

http://www.hvdesaicollege.org

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	--	--	2017-2018	Due
4	4 th Cycle	--	--	--	--

1.6 Date of Establishment of IQAC :

DD/MM/YYYY

2003

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

2015-2016

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) 30th October 2015
- ii. AQAR 2013-2014 (DD/MM/YYYY) 30th October 2015
- iii. AQAR 2014-2015 (DD/MM/YYYY) 30th October 2015
- iv. AQAR 2015-2016 (DD/MM/YYYY) 21st October 2016

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. IQAC
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
	Non-Teaching Staff /Students	04	Alumni
			02
			Others
			02
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

2.14 Significant Activities and contributions made by IQAC

- Methodology of departmental reports filling
- API verification of previous year
- Departmental presentations
- Departmental SWOT analysis
- Departmental planning
- Students' feedback programme
- Submission of Teachers' Diary
- Departmental reports
- Individual activity details at the end of academic year
- Revision of college committees
- Allocation of funds to committees

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
Distribution of Teachers' Diary, One Day Workshop on ICT, requirement of computer, printer, antivirus, scanner, , Allocation of funds to committees, Application for additional divisions of B.A., B.Sc., B.Com, B.Sc. Comp. Sci. First year and PG dept. Of EVS and Microbiology.	Successful completion and verification of API form for previous year, collection of departmental reports, Individual activity report, Departmental SWOT, personal achievements; Committees were allotted funds for conducting various activities, Local Management Committee's visit and approval for the additional divisions and PG extension.

** 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 2015-16 should be sent at the end of academic year.
- Soft copy of Service book of teaching employees is to be given in the beginning of next academic year.
- IQAC played vital role in CAS of teaching faculty by checking and verifying API scores.

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.

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. third year syllabi were revised in the academic year 2015-16. The syllabi were updated taking into consideration the need of the day.

T.Y.B.Com. subjects were restructured and all papers include case study and project work. Industrial based project is introduced in Marketing Management paper at T.Y.B.Com. level.

The special paper III of English is revised and Noble prize winning works are introduced. The special paper acquaints the students with expertise of classic authors and elements of novel.

T.Y.B.Sc. revised syllabus is introduced for all subjects. The syllabi includes introduction of all the courses needful in advanced higher studies, the optional subjects chosen are laser and renewable energy studies. Project is one of the courses in T.Y.B.Sc. course.

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.

Physics and Commerce research centres were introduced in the academic year 2015-2016.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
38	15	21	---	2

2.2 No. of permanent faculty with Ph.D. 23

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
15	05	21	00	00	00	2	00	38	05

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	08	22	16
Presented	14	31	21
Resource Persons	00	05	10

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

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

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

190

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. Internal squad was appointed for every examination. Photocopies of answer sheets are provided to students on demand.

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	--
----	---------	----

2.10 Average percentage of attendance of students

60%

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.	272	21	53	41	29	54%
B.A.	55	05	11	03	02	38%
B.Sc.	66	26	33	05	02	97%
B.Sc.(Comp.Sci.)	99	12	22	15	08	57.57%
BCA	34	03	07	11	07	82.36%
BBA	12	01	04	05	02	100%
M.Com	42	17	19	04	01	97.62%
MCA	07	01	01	04	01	100%
M.Sc.(Comp.Sci.)	28	07	11	07	01	92.85%
M.Sc(Physics)	25	02	14	09	00	100%
M.Sc.(Chemistry)	21	02	09	05	00	76.19%

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	01
UGC – Faculty Improvement Programme	01
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	22	03	00	00
Technical Staff	01	01	00	00

Criterion – III

3. Research, Consultancy and Extension

3.1 IQAC is very active to promote research climate in the institution. IQAC holds meetings with the faculty members and encourages them to apply for different major and minor research projects to different sponsoring agencies. IQAC also encourages paper presentation, paper publication in the referred journals and provides financial assistance for all these programs.

3.2 Details regarding major projects

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

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	03	03	----	---
Outlay in Rs. Lakhs	4.15	6.10	----	----

3.4 Details on research publications

	International	National	Others
Peer Review Journals	06	09	--
Non-Peer Review Journals	08	22	--
e-Journals	--	--	--
Conference proceedings	-	25	21

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	---	---
Projects sponsored by the University/ College	2015-2016	BCUD, SPPU	11,62,500/-	11,62,500/-
Students research projects <i>(other than compulsory by the University)</i>	2014-15 (07 Avishkar projects)	Through MRP Funds	----	-
	2015-16	Through MRP		

	(Avishkar projects)	Funds		
Any other(Specify)	--	--	--	--
Total	--	--	1681500	16,31,500

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	--	--	01	---	01
Sponsoring agencies	--	--	BCUD	--	Wakefield

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
05	00	01	01	03	01	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 College forum

NCC NSS Any other

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

College organised a number of outreach activities like:

Cleanliness drives, Social outreach programmes-Health Camps, Blood Donation Camps, Cultural Events, celebration of “Campus to Corporate Week”, International Yoga Day, Charan Seva for Varkari, Atharvshirsha Recitation, Clothes Drive for Slum People, Tree Plantation(Plant Tree-Save Earth),Clean Pune Green Pune-Gram Swachchata Abhiyan,Road Safety, Slow Learning Training Program, workshop on Viral Epidemics and Urban Health to name a few.

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	32	--	--	32
Laboratories	16	--	--	--
Seminar Halls	02	--	--	02
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	17	--	--	--
Value of the equipment purchased during the year (Rs. in Lakhs)	--	--	--	4512532
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 12 leading newspapers available in Marathi, English and Gujarati languages. 17 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, Shikshan Vedh, Drishi Lakshya, Down to Earth 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.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	3111	322555	1548	201312	4659	523867
Reference Books	7802	1589802	147	62965	7949	1652767
e-Books	--	--	--	--	--	--
Journals	--	--	--	--	--	--
e-Journals	--	--	--	--	--	--
Digital Database	--	--	--	--	--	--
CD & Video	55	00	10	00	65	00
Others (specify)(General Reading+Comp. Exam)	1137	190806	49	10528	1186	201334

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	171	116	04 mbps	22	-	19	34	02
Added	03	08	04 mbps	-	-	-	-	-
Total	174	124	04 mbps	22	-	18	32	--

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

Teachers are encouraged for delivery of electronic education technology by giving computer training through a learning management system. It helps increased awareness about e-teaching and e-learning.

4.6 Amount spent on maintenance in lakhs :

i) ICT

107638

ii) Campus Infrastructure and facilities

910021/-

iii) Equipments

364644/-

iv) Others

3503577/-

Total :

4885880/-

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 students to participate in various competitive examinations.

Book Bank facility for needy students.

Access of e-books and e-journals to the students.

Good quality of chairs for students in library and reading hall.

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.Sc. in Microbiology and Environment Science and college has also applied for additional divisions of F.Y.B.A., B.Sc., B.com, B.Sc. (Comp. Sci.) from the academic year 2016-17.

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

Students are motivated by faculty members to participate in various seminars, quiz, various competitions, research project competitions and sports events at the same time providing financial assistance for the same.

Outstanding performances of students in academic, sports and cultural arena are boosted with prizes in cash and kind every year.

Placement cell of the college puts in immense efforts to improve the employability skills of students and to place them in reputed organizations.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1620	217	---	---

(b) No. of students outside the state

(c) No. of international students

Men

	No	%
Granted	769	47.46
Non granted	395	51.43

Women

	No	%
Granted	851	52.54
Non granted	373	48.46

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1399	91	08	122	--	1620	2174	177	12	360	02	2725

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 services for SC, ST,OBC (non creamy layer and minorities) under UGC XII plan. The sanction amount is Rs.250000/- for the same. The Expenses incurred till date is Rs.129718/-.Every year 100 students are admitted and benefitted from the programme

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

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

No. of students benefitted

1200

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	60	27	08

5.8 Details of gender sensitization programmes

The Women Empowerment cell of the college organised workshops on various themes like Women Empowerment, Pre-marriage counselling and Yuva Shikshan for the stakeholders of the college.

5.9 Students Activities

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

State/ University level

17

National level

08

International level

00

No. of students participated in cultural events

State/ University level

04

National level

12

International level

00

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

Sports: State/ University level

09

National level

05

International level

00

Cultural: State/ University level

02

National level

--

International level

--

5.10 Scholarships and Financial Support

	Number of Students	Amount
Financial support from institution	--	48851/-
Financial support from government	--	762311/-
Financial support from other sources	09 Wakefield	90000
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: 08 toilet blocks are constructed for girl 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 as per the need and requirements.

The IQAC with the support of our computer science department and students is working on the development of software for management of information and

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 Savitribai Phule Pune University, Pune. The meetings of Board of Studies, University of Pune, of all subjects are conducted regularly.

No New curriculum has been devised in the current academic year.

The institution runs three self-financing certificate courses and the syllabi of the same are designed by the concerned faculty. They are certificate courses in Journalism, Optical Fibre and Mobile Communication (Android)

6.3.2 Teaching and Learning

Learning is made more students centric.

The college has qualified staff for all the courses run in the institution.

Students can avail the college library as well as departmental library for referencing purpose.

Various teaching methodologies are used for effective teaching by the teaching staff.

Student and teacher interaction is promoted by the use of various teaching methodologies and teaching aids.

ICT facilities are provided to teachers to make teaching and learning more effective and fruitful.

Students are encouraged and guided to participate in research and project work to enhance the comprehensive understanding of the subject.

Students' feedback about teachers' performance is reviewed annually; accordingly teachers are advised to focus on their gray areas.

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

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

Teachers of all faculties have healthy relationship with the students and help them in solving their academic, financial, psychological, family problems.

Unique activities like Mock-Parliament has been conducted by Political Science Department to enhance the understanding of the working of parliament and promote the subject.

6.3.3 Examination and Evaluation

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

Revis

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.

6.3.4 Research and Development

Teachers are motivated to apply for research projects to UGC and BCUD, SPPU, Pune.

A Research committee is functional to promote research.

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

IQAC provides the guidelines and details of funding agencies such as BCUD, SPPU, QIP, and SPPU regarding financial assistance for various schemes and research projects.

Senior faculty members are motivated to apply for major research projects to UGC , DST etc.

Students are also inspired and assisted to participate in research activities and its presentation in conferences, University level research competition Avishkar.

The college plays vital role in providing financial assistance for the same.

College library provides necessary research support.

6.3.5 Library, ICT and physical infrastructure / instrumentation

The library of the college is shifted in the same building of the college for the convenience of the library users in the month of December 2015. Additional infrastructure is made available accordingly.

Haribhai V. Desai College has balanced and up-to date collection of reference books, texts books and general reading books. Library subscribes 12 leading newspapers available in Marathi, English and Gujarati language. 17 current magazines are available in the library for CAS (current awareness

6.3.6 Human Resource Management

The institution believes that human resource is vital ingredient for the success of the institution . The institution believes in bonding humanity with team work hence encourages human resource planning. The management assesses the performance of the committee's and employee's every academic year, the appraisals are done and best performances are awarded certificates and cash prizes.

Close circuit television set facility is installed for the safety and security of the stakeholders and staff.

The institution organizes special faculty development program as well microbiology department of the college organizes health check-up camp every year.

Special Teacher Training Program was organized to enhance teaching skills.

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, norms. No teaching faculty post is vacant till date.

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

The number of non-teaching faculty posts recruited are 23.

The number of teaching faculty posts in the self-financing section is recruited as per the demand of the course.

6.3.8 Industry Interaction / Collaboration

BBA department of the college has a compulsory subject in the semester IV for 100 marks; both practical as well as theoretical knowledge is provided to the students in this course. Usually five industrial visits are organised including large scale, medium and tiny industries. The assessments are done on the basis of project and viva.

Guest lectures are organised in the corporate week by the BBA department for providing tips to the students for getting along with the scenario of the working atmosphere. The students are motivated to become entrepreneurs.

Industrial visits are organised to provide field exposure to the students.

The college organised a job fest where companies from different industries participated.

Department of Physics organised visit to Nehru Science Centre, Mumbai, Milman Industries, Piraungut . Also the students of Physics department completed research project work in different research institutes like NCL and department of Physics, SPPU.

Department of Microbiology has organised interaction of students with various hospitals, Agriculture College, Pune. B.Sc students completed Industrial training /summer internship in Serum institute.

Department of Zoology and Botany visited to Fishery Industry, Malvan and Bio-diversity belt of Karnala birds Sanctuary.

Department of Chemistry visited ISMT.Jejuri.

6.3.9 Admission of Students

The college follows the guidelines prescribed by UGC, Govt. of Maharashtra and Savitribai Phule Pune University for admission of different courses.

Students belonging to lower economic strata are given priorities during the admission process.

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

Admission for F.Y.B.Com in A and B divisions are given on priority basis to student who pass out from Haribahi 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.

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

Admission for 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	-----
Students	64800/-

6.5 Total corpus fund generated

Grant 6480

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

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. The college has designed three self –financing certificate courses which help students to gain employability in the market.

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.

The alumni are invited for various functions of the college.

Alumni have a strong bonding with the regular students and they visit voluntarily and motivate and guide the students regarding different courses and entrepreneur skills.

6.12 Activities and support from the Parent – Teacher Association

Regular Parent-Teacher meetings are held for strengthening the relationship and association between parents and the college. Parents are informed about their ward's development. They are free to interact with faculty and provide feedback on various issues like performance of their wards, quality of teaching and infrastructure. They are also invited to attend annual Convocation Ceremony and Annual Prize Distribution Function.

6.13 Development programmes for support staff

The support staff is mentored by their respective seniors to gain competence in their areas of operation.

ICT trainings are conducted for them from time to time.

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 the 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.

Solar energy is used for water sterilization needed in chemistry labs.

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.

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 state level one day seminar on Student Centric Learning-By Department of Commerce.

State level workshop organised by department of Microbiology on "viral Epidemics and Urban Health" for B.Sc. students.

SWOT Analysis for individual department was done by the concerned Heads of the departments, Vice-Principals and IQAC.

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

A detailed individual staff record has been digitalized and is available to each one.

Fostering creativity and skills through various fests and stalls.

Sharing and caring through blood donation camp.

Celebration of birth anniversaries of great personalities of our society.

Individual Teacher's record highlighting all the aspects of his/her service.

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

- 7.4 Contribution to environmental awareness / protection

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

Tree plantation and Swachh Bharat Abhiyan programme was successfully run by college cleanliness drive.

Creating awareness on various social issues by poster presentation, rallies, and road show.

Poster presentation was organised

- 7.5 Mutha river cleaning drive was organized.

NSS students of the college participated in the national drive for cleanliness under the able guidance of Hon. Prime Minister Narendra Modi .

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

Strengths

The college provides a quality teaching /learning environment which caters to the best takers. There is no dearth of aspirants for admission.

Motivated and well qualified faculty.

Technological advancement in basic functioning.

Increasing in number of students and courses.

Excellent use of infrastructure .

A considerate management that takes care of the staff.

Weakness

The industry-academia relationship and interface needs to be strengthened.

Need to have more minor/major research projects.

Need of ground.

Need of accommodation of students in hostels.

Opportunities

New PG courses can be introduced in various streams and departments.

Threats.

A large number of colleges near by campus.

Teachers need to apply for patents.

8. Plans of institution for next year

- Preparing for third cycle of accreditation of NAAC.
- Greater impetus to research by applying for research grants.
- Subscribing to more Journals in the library.
- Additional new divisions of existing courses at FY level.
- Starting of new PG courses.
- Starting of new short term courses.
- Setting up new laboratories.
- Applying for ISO 9001

Mr. Peeyush Pahade

Coordinator, IQAC

Dr. Girish Pathade

Chairperson, IQAC