

**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 2013)*

**Academic Year 2013-2014**

## 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. Kakasaheb Mohite

Tel. No. with STD Code:

+9120-24463914 Ext. 201,202

Mobile:

919890094577

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 <sup>st</sup> Cycle	B	73.05%	2003-2004	5 years
2	2 <sup>nd</sup> Cycle	A	3.13	2012-2013	5 years
3	3 <sup>rd</sup> Cycle	--	--	2016-2017	Due
4	4 <sup>th</sup> 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) 31/10/2015
- ii. AQAR 2013-2014 (DD/MM/YYYY) 31/10/2015
- 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 - 7

### 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,
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	12
2.11 No. of meetings with various stakeholders:	No. 01 Faculty 05
Non-Teaching Staff /Students	03 02 Alumni 01 Others

2.12 Has IQAC received any funding from UGC during the year? Yes  No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

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

Total Nos.  International  National  State  Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

2.15 Plan of Action by IQAC/Outcome

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

Plan of Action	Achievements
Academic Calendar, Individual and Departmental Reports collection and presentation by individual teachers at the end of the year.	Individual and Departmental reports were collected in time along with research activities.

\* *Attach the Academic Calendar of the year as Annexure.*

2.15 Whether the AQAR was placed in statutory body Yes  No

Management  Syndicate  any other body

Provide the details of the action taken

## Part – B

### Criterion – I

#### I. Curricular Aspects

##### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	---	---	---	---
PG	05	---	---	---
UG	06	---	---	---
PG Diploma	---	---	---	---
Advanced Diploma	---	---	---	---
Diploma	---	---	---	---
Certificate	02	---	---	---
Others	---	---	---	---
<b>Total</b>	13	---	---	---
Interdisciplinary	---	---	---	---
Innovative	---	---	---	---

##### 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

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) – 2 elective options at special level – Renewable Energy Sources and Nuclear Techniques
4. M.Sc. (Chemistry) – Analytical Chemistry
5. MCA

- a) Core options b) Elective options c) Add on courses d) Interdisciplinary Courses e) Flexibility to the students to move from one Discipline to another

**(Flexibility to pursue the programme with reference to the time frame/flexible time for completion)**

H.V. Desai College has three faculties: Commerce, Arts and Science. Students are admitted to undergraduate courses after successful completion of XIIth standard (Junior College). Students prefer to continue their studies in the courses they had opted for XIIth standard. However, students from Commerce and Science can choose a career in Arts. f. Students of Commerce and Science faculty who cannot pursue their education for their personal reasons can offer various courses of Arts faculty.

**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 chose six papers out of eight.

#### ***Compulsory Subject :***

- Compulsory English

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

- 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 subject at the special level. The student can choose three optional subjects out of eight.

**Compulsory Subject :**

- 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 chosen in groups are as follows:

- 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 choose three subjects out of four. Besides these three subjects one language (English / Marathi) is compulsory. 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. But the practical papers are annual.

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

At T.Y.B.Sc, the students 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** which are **Physics and Chemistry**, these courses follow five credit system pattern.

***B.Sc. (Computer Science):***

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

- Computer Science
- Electronic Science
- Statistics
- Mathematics

<b>COURSE NO.</b>	<b>TITLE</b>
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

<b>COURSE NO.</b>	<b>TITLE</b>
MTC 101	Discrete Mathematics
MTC 102	Algebra and Calculus
MTC 103	Mathematics Practicals

<b>COURSE NO.</b>	<b>TITLE</b>
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 is fourth subject. These papers are as follows:-**

- 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**

	<b>Semester - I</b>		<b>Semester -II</b>	
<b>Paper I</b>	Applied Algebra	(MTC :211 )	Computational Geometry	(MTC:221)
<b>Paper II</b>	Numerical Analysis	(MTC:212)	Operations Research	(MTC:222)
<b>Paper III</b>	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 compulsory for all the students. The students are awarded with grades after successful completion of project and exam.**

BBA First Year

Sr. No.	Sub Code	Semester - I
1	101	Business Organization and system
2	102	Business Communication Skills
3	103	Business Accounting
4	104	Business Economics (Micro)
5	105	Business Mathematics
6	106	Demography & Environmental system

Sr. No.	Sub Code	Semester - II
1	201	Principles of Management
2	202	Principles of Marketing
3	203	Principles of Finance

4	204	Basics of Cost Accounting
5	205	Business Statistics
6	206	Business Informatics

#### BBA Second Year

Sr. No.	Sub Code	Semester - III
1	301	Personality Development
2	302	Business Ethics
3	303	Human Resource Management & Organization Behaviors
4	304	Management Accounting
5	305	Business Economics (Macro)
6	306	I.T. in Management

Sr. No.	Sub Code	Semester - IV
1	401	Production and Operation Management
2	402	Industrial Relations and Labor Law
3	403	Business Taxation
4	404	International Business
5	405	Management Information System
6	406	Business Exposure (Field Visits)

#### BBA Third Year

Sr. No.	Sub Code	Semester - V
1	501	Supply Chain and logistics Management
2	502	Entrepreneurship Development
3	503	Business Laws
4	504	Research Methodology (Tools & Analysis)
5	505	Specialization - I
6	506	Specialization - II

Sr. No.	Sub Code	Semester - V
1	601	Business Planning & Project Management
2	602	Event Management
3	603	Management Control System
4	604	E-commerce
5	605	Specialization - III
6	606	Specialization - IV

Specialization : 1. Finance      2. Marketing      3. Human Resource Management  
4. Service Sector Management      5. Agri. Business Management

### **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
<b>I Year Sem-I</b>	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, I Examination.

Year/ Semester	Subject	Paper	Title of Paper	Hours/ Week	Credit
<b>I Year Sem-II</b>	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
<b>II Year Sem-III</b>	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 IYear 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 complete d 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\* Alumni  Parents  Employers  Students

(On all aspects)

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

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

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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. First year syllabi were revised in the academic year 2013-14. The syllabi were updated taking into consideration the need of the day.

For e.g. Tally software practical was introduced for F.Y.B.Com students. Office management paper was restructured as organizational skill development which makes the subject more conceptual so basic concepts of students become clearer. The articles prescribed in Compulsory English textbook for F.Y.B.Com are related to Business tycoons or money matters making the syllabi more enriching experience for students.

The concepts of Linguistics which were earlier taught at TYBA level, now they were introduced at the F.Y.B.A. optional English level. So the part of Phonetics is becoming more appealing and interesting for students. This is motivating experience for students which make students pronunciation more perfect. The general paper of Political science has become more informative therefore students can understand the political system in India easily.

Physics principles and applications is introduced as a second paper in first term , this course is useful for the students to understand basic principles of Physics used in various applications such as industrial, medical, research etc.

FYBCA :Sem-I and Sem-II Subjects were changed from Fundamental computers to Modern Operating Environment System. Practical lab also changed from basic of computers to scratch animation and tally for sem-I and for sem-II statistics practical is also included. Basics of C programming using algorithms are also included according to 2013 pattern.

**M.Sc. (Comp.Sc.) :**

1. Master's degree in Computer Science would be of 100 credits, where one credit course of theory will be of one clock hour per week running for 15 weeks and one credit for project course will consist of 15 of laboratory hours. Thus, each credit will be equivalent to 15 hours.
2. Student will have to take admission and complete at least 75 credits incorporated in the syllabus structure of Computer Science. The remaining 25 credits can be chosen from courses offered by the other Departments subjects (other than Computer Science courses) of the College with credit system structure.
3. Every student shall complete 100 credits in a minimum of four semesters. All Semesters will have 25 credits each.
4. The student will be declared as failed if s/he does not pass in all credits within a total period of four years. After that such students will have to seek fresh admission as per admission rules prevailing at that time.
5. Academic calendar showing dates of commencement and end of teaching, internal assessment tests and term end examination will be prepared and duly notified before commencement of each semester every year.
6. Project course should not be greater than 10% of the total credits of the degree course. Project course is equivalent to 10 credits.

MCA (Science) :-

• **Salient Features –**

1. Each Theory course will be of 4 credits and each Lab. Course (Practical) of 5 credits.
2. Each semester is of 6 courses and 25 credits (This is not applicable for Industrial training in VI semester of M.C.A.).
3. Each regular student will have to appear for all the 25 credits of the respective semester.
4. Student who wishes to take admission to the second year M.C.A should have obtained at least 25 credits out of 50 credits of the First year M.C.A.
5. A student will have to complete at least 75% credits (other than for IT – SemVI) from M.C.A. (Under Science Faculty) syllabus. The remaining 25% credits (other than for IT–SemVI) can be chosen from the courses offered by the other Departments/subjects (other than Computer Science courses) with credits system structure.

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
49	20	19	----	10

2.2 No. of permanent faculty with Ph.D.

22
----

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	17	---	---	---	10	---	49	03

2.4 No. of Guest and Visiting faculty and Temporary faculty

----	----	10
------	------	----

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	05	20	35
Presented papers	02	20	20
Resource Persons	02	02	05

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

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

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

192
-----

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	05	07
----	----	----

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.	328	26	85	88	107	94%
B.A.	49	03	14	16	02	71%
B.Sc.	71	33	16	04	02	77.46%
B.Sc. (Comp.Sci.)	125	08	31	31	---	56%
BCA	43	01	06	19	03	67.44%
BBA	07	---	03	03	---	86%
MCA	30	---	--	--	---	100%
M.Sc. (Comp.Sci.)	33	---	14	18	---	97%
M.Sc. (Physics)	27	03	15	04	00	81%
M.Sc.(Chemistry)	17	---	03	03	01	35%
M.Com.	37	06	11	06	07	81%

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

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. 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	---
HRD programmes	---
Orientation programmes	02
Faculty exchange programme	---
Staff training conducted by the university	---
Staff training conducted by other institutions	---
Summer / Winter schools, Workshops, etc.	10
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	--	--
Technical Staff	01	--	--	--

## 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	----	----
Outlay in Rs. Lakhs	---	5,10,000/-	----	----

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	01	01	---	01
Outlay in Rs. Lakhs	23,000/-	1,95,000/-	---	

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	03	---	---
Non-Peer Review Journals	---	---	---
e-Journals	---	03	---
Conference proceedings	---	49	---

#### 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	5,10,000/-	4,60,000/-
Minor Projects	2011-2013	UGC	50,000/-	23,000/-
	2013-2015	UGC	1,95,000/-	1,45,000/-
Interdisciplinary Projects	2012-2014	BCUD, SPPU	1,10,000/-	55,000/-
Industry sponsored				
Projects sponsored by the University/ College	2012-2014	BCUD, SPPU	45,000/-	27,500/-
	2013-2015	BCUD, SPPU	2,60,000/-	2,00,000/-
	2013-2015	BCUD, SPPU	2,00,000/-	1,00,000/-
Students research projects <i>(other than compulsory by the University)</i>	2013-14 (18) Avishkar projects)	Teachers	18,000/-	-
Any other(Specify)	---	---	---	---
Total	07	BCUD SUOP, Pune,UGC	13,70,000/-	10,01,500/-

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	---	---	08
	Sponsoring agencies	-----	BCUD, SPPU	---	---	College

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

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From funding agency  From Management of University/College

Total

3.16 No. of patents received this year	Type of Patent		Number
	National	Applied	---
		Granted	01 (Patent Number : 16/Mum/2014)
	International	Applied	---
		Granted	---
	Commercialised	Applied	----
		Granted	---

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

Total	International	National	State	University	Dist	College
03	---	---	01	---	---	02

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	<input type="text" value="12"/>	State level	<input type="text" value="4"/>
National level	<input type="text" value="3"/>	International level	<input type="text" value="-"/>

3.22 No. of students participated in NCC events:

University level	<input type="text" value="--"/>	State level	<input type="text" value="--"/>
National level	<input type="text" value="--"/>	International level	<input type="text" value="--"/>

3.23 No. of Awards won in NSS:

University level	<input type="text" value="✓"/>	State level	<input type="text" value="--"/>
National level	<input type="text" value="--"/>	International level	<input type="text" value="--"/>

3.24 No. of Awards won in NCC:

University level	<input type="text" value="--"/>	State level	<input type="text" value="--"/>
National level	<input type="text" value="--"/>	International level	<input type="text" value="--"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="04"/>	College forum	<input type="text" value="10"/>		
NCC	<input type="text" value="--"/>	NSS	<input type="text" value="✓"/>	Any other	<input type="text" value="05"/>

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

- NSS- Road Safety Campaign held for a week
- NSS Special Winter Camp
- Police Mitra Abhiyan during Ganapati festival
- Blood Donation Camp
- Haemoglobin check-up camp for women during NSS winter camp
- Voters' Awareness Campaign

## 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.	02	--	--	18,52,975/-
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 “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	2520	225635	591	96920	3111	322555
Reference Books	7729	1589729	73	38863	7802	1589802
e-Books	--	--	--	--	--	--
Journals	--	--	--	--	--	--
e-Journals	--	--	--	--	--	--
Digital Database	--	--	--	--	--	--
CD & Video	55	0	0	0	0	55
Others (specify)	1130	189669	7	1229	1137	190806

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	132	86	BSNL Broadband	22	---	19	25	02
Added	55	30	---	---	---	----	25	----
Total	187	116	BSNL Broadband	22	----	19	50	02

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

All the teachers in the college have computer and internet facility. Teachers are promoted to attend orientation and refresher courses, short term courses related to ICT and teaching skills.

Students and teachers are also allowed to use computer available in the computer labs.

Students are given the facility of filling online university examination forms on the computers in computer labs. They are guided by the concerned staff.

A separate computer terminal is available for students in the library for surfing and referencing purposes



4.6 Amount spent on maintenance in lakhs :

i) ICT	10,000/-
ii) Campus Infrastructure and facilities	1, 25,000/-
iii) Equipments	-----
iv) Others	41,793/-
<b>Total :</b>	<b>1,76,793/-</b>

## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Persuading the management to provide toilet facilities at the ground floor for physically disabled students.

Construction of ramp for physically disabled students.

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

#### 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, Commerce and Chemistry 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.

5.3 (a) Total Number of students

	UG	PG	Ph. D.	Others
Granted section	1883	--	--	--
Self-financed	630	287	--	70

(b) No. of students outside the state

06

(c) No. of international students

--

Men

Men	No	%
Granted	729	45.20%
Self-financed	454	49.50%

Women	No	%
Granted	889	54.80%
Self-financed	463	50.49%

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1258	131	07	156	---	1552	1618	121	10	134	---	1883

Demand ratio : - 110%      Dropout % :- 0.01%

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

Competitive Examination Centre of the college was not functional in this academic year. But many students were benefited by the study centre run by management in the college campus. These students also availed the facility of the library.

No. of students beneficiaries

125

#### 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

Counselling and guidance is provided to students in various aspects such as academic, career, personal problems and financial issues.

Counselling is done by all the teachers of each department of the college.

No. of students benefitted

500

#### 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
16	130	58	25

#### 5.8 Details of gender sensitization programmes

The women empowerment cell of the college organized various workshops, seminars on the issues of gender sensitivity, technology for safety of women, awareness about laws regarding women's rights such as property right and

#### 5.9 Students Activities

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

State/ University level

180

National level

02

International level

01

No. of students participated in cultural events:

State/ University level  National level  International level

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

Sports: State/ University level  National level  International level

Cultural: State/ University level  National level  International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	---	--
Financial support from government	461	6,95,304
Financial support from other sources	35	Wakefield - 70,000
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: 12

5.13 Major grievances of students (if any) redressed:

Lunch, Tea & Breakfast is provided to students at nominal rates in the college canteen.

## 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 centre 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 College has an MIS 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 Statistics have taken initiatives in the organization of 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

Assurance of infrastructure facilities required for teaching and learning.

Provision of the notes by the teachers to the students, list of references for suggested reading

Promoting student and teacher interaction by the use of various teaching methodologies and teaching aids.

Promoting rapport building between teachers and students

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

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.

### 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.

### 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.

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.

Six teachers of the college are Ph.D. guides and total students registered under them are nine.

### 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

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 organized including large scale, medium and tiny industries. The assessments are done on the basis of project as well as viva.

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

B.Sc. (Physics) students visited wind mill project at Chalkewadi, dist. Satara and GMRT, Khodad, dist. Pune.

Marketing and Economics Departments visited MAPRO industries, Mahabaleshwar.

### 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	No	--	No	--
Administrative	Yes	Auditor	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.

Valuable Guidance of the parents is always welcome for the development of the college.

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.

Revis

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.

Organization of National Conference on the current issue in the society.

Organization of syllabi revision workshops.

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

A Two Days National Conference was organized on the topic of “Sustainable Energy development and Environment Systems” on 10<sup>th</sup> & 11<sup>th</sup> January 2014. Eminent scientists and academicians were invited as Resource Persons. Hundred and Twenty professors and students from various institutions all over India participated in the conference and presented their papers. Conference was a grand success. The teaching and non-teaching staff of the college worked as a united team for the success of the conference.

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.

*\*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.

Beautification of the campus by planting various trees.

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

7.5 Whether environmental audit was conducted? Yes  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.

Increasing number of senior colleges around the college within 3-5 sq.km offering same

**8. Plans of institution for next year**

Organization of International Conference

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

Preparation for Best College Award

Preparation for College with Potential Excellence (CPE)

*Name: Prof.Peeyush Pahade*

*Name: Dr.K.C.MOHITE*

*Signature of the Coordinator, IQAC*

*Signature of the Chairperson, IQAC*

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