



Maharashtra Education Society's
ABASAHEB GARWARE COLLEGE

Karve Road, Pune 411004, Maharashtra State

ANNUAL QUALITY ASSURANCE REPORT (AQAR)
FOR THE
ACADEMIC YEAR 2014-15

Submitted to:

National Assessment and Accreditation Council (NAAC)

P. O. Box No. 1075, Nagarbhavi, Bengaluru 560072.

The Annual Quality Assurance Report (AQAR) of the IQAC 2014-2015

Part – A

1. Details of the Institution

1.1	Name of the Institution:	MES Abasaheb Garware College
-----	--------------------------	------------------------------

1.2	Address	Karve Road.
	City / Town	Pune
	State	Maharashtra
	Pin Code	411004
	Institutional email address	agccomp@eth.net
	Contact Nos.	020-41038201; 020-41038200
	Name of the Head of the Institution	Dr.Shrikant G. Gupta
	Te. No. With STD Code	020-41038201
	Mobile	+91-9881300984
	Name of the IQAC Coordinator	Dr. B. D. Bhole.
	Mobile	+91-9970302467
	IQAC email address	agciqac@gmail.com

1.3	NAAC Track ID	Track ID: MHCOGN 10600
-----	---------------	-------------------------------

1.4	Website address:	www.mesgarwarecollege.org
	Web-link of the AQAR:	http://www.mesgarwarecollege.org/IQAC/AQAR20142015.pdf

1.5	Accreditation Details:				
	Sr. No.	Cycle	Grade	CGPA	Year of Accreditation
	1	1 st Cycle	B+	-	2004
	2	2 nd Cycle	A	3.15	2010
					Validity Period
					2004-10
					2010-15

1.6	Date of Establishment of IQAC:	01 / 06 / 2002
-----	--------------------------------	----------------

1.7	AQAR for the year:	2014-15
-----	--------------------	---------

1.8	Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC:	
	i) AQAR 2010-11	18.11.2011
	ii) AQAR 2011-12	28.09.2012
	iii) AQAR 2012-13	01.10.2014
	iv) AQAR 2013-14	24.12.2014

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 ☒

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 / Program
------	---------------------------

Arts ☒ Science ☒ Commerce ☐ Law ☐ PEI (Phy.Edu.) ☐

TEI (Edu) ☐ Engineering ☐ Health Science ☐ Management ☐

Others ☐

1.11	Name of the Affiliating University	Savitribai Phule Pune University, Pune.
------	------------------------------------	---

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 (specify) ☐

UGC-COP Programmes ☐

2. IQAC Composition and Activities:

2.1	Number of teachers	6
2.2	Number of Administrative / Technical staff	3
2.3	Number of students	0
2.4	Number of Management representatives	2
2.5	Number of Alumni	0
2.6	Number of any other stakeholder and community representatives	0
2.7	Number of Employers / Industrialists	0
2.8	Number of External Experts	0
2.9	Total Number of Members	11
2.10	Number of IQAC meetings held	6
2.11	Number of meetings with various stakeholders	4

Faculty ☒

Non-Teaching Staff ☐

Students ☐

Alumni ☐

Any others ☐

2.12	Has IQAC received any funding from UGC during the year?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
------	---	------------------------------	--

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 Number	<input type="text" value="0"/>	International	<input type="text" value="0"/>	National	<input type="text" value="0"/>	State	<input type="text" value="0"/>	Institution Level	<input type="text" value="1"/>
--------------	--------------------------------	---------------	--------------------------------	----------	--------------------------------	-------	--------------------------------	-------------------	--------------------------------

(ii) Themes: *Scientific Writing*

2.14 Significant Activities and contributions made by IQAC

1. The IQAC continued with its activities / preparations for 3rd Cycle of NAAC accreditation.
2. Organization of Research Conferences.

2.15 Plan of Action by IQAC/Outcome

- The primary focus for the next academic year (2015-16) would be the preparations for the upcoming 3rd Cycle of NAAC Reaccreditation of the College.
- Continuation of Best Practices.

** Academic Calendar of the year attached as **Annexure I**.*

2.16	Whether the AQAR was placed in statutory body	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-------------	---	-----	-------------------------------------	----	--------------------------

Management	<input checked="" type="checkbox"/>	Syndicate	<input type="checkbox"/>	Any other Body	<input type="checkbox"/>
------------	-------------------------------------	-----------	--------------------------	----------------	--------------------------

Provide the details of the action taken

- The AQAR (2014-15) was prepared with the help of the AQAR Committee of the College.
- The compiled AQAR was discussed at the IQAC Meeting.
- A draft copy of the AQAR was sent to the Local Management Committee (LMC) for reference and approval.
- The AQAR was then posted on the college website and submitted to NAAC.

Part – B

Criterion – 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
Ph.D.	6	0	0	0
PG	19	0	15	0
UG	19	0	2	0
PG Diploma	1	0	1	0
Advanced Diploma	0	0	0	0
Diploma	0	0	0	0
Certificate	2	0	2	0
Others M.Phil. Arts	3	0	3	0
Total	50	0	23	0

Interdisciplinary	2	0	2	0
Innovative	0	0	0	0

UG Arts	10
UG Science	9
PG Arts	10
PG Science	9
M.Phil. Arts	3
M.Phil. Science	0
Ph.D. Arts	2
Ph.D. Science	4
PGDFT	1
Certificate courses	2
Total	50

1.2

- (i) Flexibility of the Curriculum: CBCS & Core
(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	38
Trimester	00
Annual	06

1.3	Feedback from stakeholders*
-----	-----------------------------

Alumni ☐ Parents ☐ Employers ☐ Students ☒

Mode of feedback: Online ☐ Manual ☒

Summary of Feedback on teachers

Grade	Score	Number of teachers	% of teachers
FACULTY OF SCIENCE			
Excellent	90-100	5	28
Good	70-89.99	13	72
Average	50-69.99	--	--
Below Average	30 – 49.99	--	--
Total		18	100
FACULTY OF ARTS			
Excellent	90-100	1	25
Good	70-89.99	2	50
Average	50- 69.99	1	25
Total		4	100

Summary report of feedback on teachers is enclosed in [Annexure II](#)

1.4	Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.
<ul style="list-style-type: none"> Syllabi for Third Year UG classes for all subjects and Second Year PG classes of M.Sc.Computer Science and M.C.A.(Science) have been updated (as per directives of the Savitribai Phule Pune University). Workshops were held for syllabi restructuring / revision in the college for Electronic Science, Computer Science, Second Year B.Sc. Statistics. 	

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

Criterion – II: Teaching, Learning and Evaluation

2.1	Permanent Faculty:	Total	Assistant Professors	Associate Professors	Professors	Others
	108	207	164	42	1	0

2.2	Number of Permanent Faculty with Ph.D.	64
-----	--	----

2.3	Number of Faculty Positions Recruited (R) <i>vis-à-vis</i> and Vacant (V) during the year	Assistant Professors		Associate Professors		Professors		Others		Total	
		R	V	R	V	R	V	R	V	R	V
		164	31	42	0	1	0	0	0	207	31

2.4	Number of Guest, Visiting / Temporary Faculty	0	33	33
-----	---	---	----	----

2.5 Faculty participation in conferences and symposia:

Number of Faculty	International level	National level	State level
Attended Seminars/ Workshops	7	31	7
Presented papers	17	43	5
Resource Persons	-	2	2

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

- Department of Microbiology and Department of Biotechnology use the online platforms Easyclass and Piazza respectively. These are available to all and are used for connecting students and teachers for academic discussions and conduct short tests.

2.7	Total Number of actual teaching days during this academic year	235
-----	--	-----

2.8 Examination/ Evaluation Reforms initiated by the Institution (e.g. Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online MCQs)

- Open Book Tests.
- Bar Coding
- Photocopy
- Online entrance examination

2.9	Number of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop	6	-	42
-----	--	---	---	----

2.10	Average percentage of attendance of students	65%
------	--	-----

2.11	Course / Program wise distribution of pass percentage:
------	--

Program	Course	Total Number of students appeared	Division			
			Distinction Nos. (%)	1 st Class Nos. (%)	2 nd Class Nos. (%)	Pass Class Nos. (%)
UNDERGRADUATE PROGRAMS (ARTS FACULTY)						
B.A. Economics	UG	35	6	16	8	1
B.A. English	UG	17	1	4	8	1
B.A.Geography	UG	41	7	12	13	1
B.A. Hindi	UG	6	0	1	3	0
B.A. History	UG	43	6	13	11	6
B.A. Marathi	UG	12	1	1	1	0
B.A. Psychology	UG	18	2	5	5	1
B.A. Sociology	UG	32	5	4	10	2
B.A. Political Science	UG	51	16	15	9	1
POSTGRADUATE PROGRAMS (ARTS FACULTY)						
M.A. Economics	PG	21	1	10	2	0
M.A. English	PG	33	2	11	17	0
M.A. Hindi	PG	20	1	5	8	2
M.A. History	PG	47	6	28	9	0
M.A. Marathi	PG	8	4	1	1	0
M.A. Journalism	PG	30	0	19	9	0
M.A. Psychology	PG	17	3	10	1	3
M.A. Political Science	PG	60	26	32	0	0

Program	Course	Total Number of students appeared	Division			
			Distinction Nos. (%)	1 st Class Nos. (%)	2 nd Class Nos. (%)	Pass Class Nos. (%)
UNDERGRADUATE PROGRAMS (SCIENCE FACULTY)						
B.Sc. Biotechnology	UG	39	4	19	12	2
B.Sc. Botany	UG	19	4	8	1	0
B.Sc. Chemistry	UG	87	12	26	8	0
B.Sc. Industrial Chemistry	UG	--	--	---	--	--
B.Sc. Computer Science	UG	69	9	24	11	0
B.Sc. Electronic Science	UG	23	6	7	2	0
B.Sc. Microbiology	UG	39	7	16	11	1
B.Sc. Industrial Microbiology	UG	23	7	10	6	0
B.Sc. Mathematics	UG	48	20	10	2	0
B.Sc. Physics	UG	60	16	15	8	0
B.Sc. Statistics	UG	29	13	7	4	0
B.Sc. Zoology	UG	30	9	5	14	0
POSTGRADUATE PROGRAMS (SCIENCE FACULTY)						
B. Lib.	PG	17	3	2	0	0
M.Lib	PG	13	7	3	2	0
M.Sc. Biodiversity	PG	21	2	4	6	0
M.Sc. Biotechnology	PG	22	3	16	0	0
M.Sc. Analytical Chemistry	PG	19	0	8	6	0
M.Sc. Organic Chemistry	PG	19	7	8	2	0
M.Sc. Computer Science	PG	63	5	22	25	4
MCA	PG	28	5	18	2	1
M.Sc. Electronic Science	PG	24	3	17	2	0
M.Sc. Microbiology	PG	19	3	11	2	0
M.Sc. Physics	PG	27	11	8	0	0

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

- The teaching-learning process in the college is monitored by the Heads of Departments. The IQAC monitors the different committees formed to execute matters such as Timetables, Examinations and Assessment schedules. These committees report directly to the Chairperson of the IQAC (Principal of the College). The IQAC Coordinator is usually present at all meetings concerning these issues.
- Examination results are compiled, evaluated and informed to the Principal at the end of the year. Interventions regarding improvement are made accordingly.

2.13	Initiatives undertaken towards faculty development
------	--

Faculty / Staff Development Programs	Number of Faculty benefitted
Refresher courses	10
UGC – Faculty Improvement Program	4
HRD programs	0
Orientation programs	10
Faculty exchange program	0
Staff training conducted by the university	1
Staff training conducted by other institutions	0
Summer / Winter schools, Workshops, etc.	0
Others	0
TOTAL	25

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	106	12	24	9
Technical Staff	0	0	0	0

Criterion – III: Research, Consultancy and Extension

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

- Research has always been one of the strengths of the college.
- The Research Committee has been strengthened and active researchers included in this Committee.
- All research proposals are screened, approved and submitted to various funding agencies (UGC, SPPU, DST, ICMR and ISRO) for financial support.
- To consolidate the research output, the IQAC has decided to publish *R'Search@AGC*, in which all the research of the college will be presented in concise form.
- To increase research facilities, laboratories have been upgraded. Microbiology, Physics, and DST-FIST laboratories have been upgraded this year.
- Teachers have presented their research on a common platform in the college.

3.2 Details regarding major projects:

	Completed	On-going	Sanctioned	Submitted
Number	3	03	01	2
Outlay in Rs. (Lakhs)	27.73	94.74	18.92	19.13

3.3 Details regarding minor projects:

	Completed	On-going	Sanctioned	Submitted
Number	04	13	13	03
Outlay in Rs. (Lakhs)	11.43	25.65	25.65	4.63

3.4 Details of research publications:

	International	National	Others
Peer Reviewed Journals	52	2	1
Non-Peer Review Journals	0	3	0
e-Journals	0	0	0
Conference proceedings	0	0	0

3.5 Details on Impact factor of publications:

Range	0.45-12.0	Average	-	h-index	-	Nos. In SCOPUS	15
-------	-----------	---------	---	---------	---	----------------	----

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

Nature of the Project	Duration / Year	Name of Funding Agency	Total Grant sanctioned (Rs. In Lakhs)	Received
Major projects	2014-17	CSIR	18.92	6.92
Minor Projects	2014-16	BCUD (SPPU); UGC	25.65	13.275
Interdisciplinary Projects	-	-	-	-
Industry sponsored	2014-15	Volks-Wagen India Pvt. Ltd., <i>SahyadriNisargMitra</i>	3.33	3.33
Students research projects	-	-	-	-
Rapid Biodiversity survey and coastal habitat	2014-15	SNM-GIZ	1.21	1.21
Total			49.11	24.735

3.7	Number of Books published
-----	---------------------------

	(i) With ISBN No.	33	Chapters in Edited Books	20
	(ii) Without ISBN No.	4		

3.8	Number of University Departments receiving funds from: <i>Not applicable</i>
-----	--

UGC-SAP		CAS		DST-FIST	
DPE		DBT Star Scheme/Funds			

3.9	Number of University Departments receiving funds from: <i>Not applicable</i>
-----	--

Autonomy		CPE		DBT Star Scheme	
INSPIRE		CE		Other	

3.10	Revenue generated through consultancy	-
------	---------------------------------------	---

3.11	Number of Conferences organized by the Institution:	5
------	---	---

Level	International	National	State	University	College
Number	1	3	1	-	-
Sponsoring Agencies	BCUD, SPPU	BCUD, BhashaNyas, Bank of Maharashtra	BCUD, SPPU.		

3.12	Number of faculty served as experts, chairpersons or resource persons	22
------	---	----

3.13	Number of collaborations	International	0	National	0	Other	-
------	--------------------------	---------------	---	----------	---	-------	---

3.14	Number of linkages created during this year	0
------	---	---

3.15	Total budget for research for current year in Rs. (Lakhs):	
------	--	--

From Funding Agencies 47.9 From Management of College 1.0

Total 48.9

3.16	Number of Patents received this year	
------	--------------------------------------	--

Type of Patent		Number
National	Applied	Nil
	Granted	Nil
International	Applied	Nil
	Granted	Nil
Commercialized	Applied	Nil
	Granted	Nil

3.17	Number of research awards / recognitions received by faculty and research fellows of the institution in the year:	
------	---	--

Total	International	National	State	University	District	College
12	3	7	0	2	0	0

3.18	Number of Faculty from the Institution:
------	---

... who are Ph.D. Guides

..and students registered under them

3.19	Number of Ph.D. awarded by Faculty from the Institution	<input type="text" value="0"/>
------	---	--------------------------------

3.20	Number of research scholars receiving Fellowships (newly enrolled + Existing ones)
------	--

JRF SRF Project Fellows Other

3.21	Number of students who participated in NSS events:
------	--

University Level State Level

National Level International Level

3.22	Number of students who participated in NCC events:
------	--

University Level State Level

National Level International Level

3.23	Number of awards won in NSS:
------	------------------------------

University Level State Level

National Level International Level

3.24	Number of awards won in NCC:
------	------------------------------

University Level State Level

National Level International Level

3.25	Number of Extension activities organized:
------	---

University forum College forum

NCC NSS Other

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

- NCC tree plantation
- NSS Village development – Vanrai bund constructed
- Rice plantation by students to help farmers
- *EkMuthDhanyaYojana* for *VanvasiKalyanAashram* (Computer Science department)
- Ganapati Police Mitra (Microbiology Department)
- *SavitribaiPhule* Debate Competition
- *Tilgul* distribution at Old age home, “*Nivara.*”

Criterion – IV: Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Funding	Total
Campus area	6.41 acres	0	Not applicable	8 acres
Class rooms	42	0	0	42
Laboratories	40	1	0	40
Seminar Halls	2	0	0	2
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	5	5	College, DST-FIST, DST Scheme	10
Value of the equipment purchased during the year (Rs. In Lakhs)	19.08	19.52	College, DST-FIST, DST Scheme	38.6
Others	-	-	-	-

4.2 Computerization of administration and library

- The administrative section of the college, including the office has strengthened the use of the *Vruddhi* software (management of the data regarding students, teachers, all Government Resolutions, roll calls, etc.) by making it available to the Heads of Departments and all office bearers.
- On-line admission applications for the postgraduate courses have been simplified using software and support provided by *EDUBRAIN*. This platform was also used to conduct online entrance examination for PG.
- The Library is also making efficient use of its *OPAC* software for accession records and inventory. OPAC access has been made available to all heads of department this year.

4.3 Library services:

	Existing		Newly added		Total	
	Nos.	ValueRs.	Nos.	ValueRs.	Nos.	ValueRs.
Text Books	297	46,583	456	97,865	753	1,44,448
Reference Books	2,628	11,50,234	723	3,15,973	3,351	14,66,207
e-books	N-List 97001	10,000	187		N-List	10000
Journals	360	1,45,953	229	1,01,000	229	1,01,000
e-journals	N-List 6001	10,000	N-List	5,000	N-List	5,000
Digital database	N-List	10,000	--	--	--	--
CDs & Videos	124	16,192	10	5,000	134	21,192
Others (specify)	-	-	-	-	-	-

4.4	Technology up-gradation (overall):
-----	------------------------------------

	Total Computers	Computer Labs.	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	372	9	3	6	--	41	311	20
Added	0	0	0	0	--	0**	0	0
Total	364	9	3	6	--	34	311	20

** Computers in the office were written off.

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

Nil

4.6	Amount spent on maintenance in Rs. (Lakhs):
-----	---

(i)	ICT	5,70,927/--
(ii)	Campus Infrastructure and facilities	20,70,622/-
(iii)	Equipments	8,52,350/-
(iv)	Others	3,78,641/-
Total:		38,72,540/-

Criterion – V: Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- The IQAC in conjunction with the college office discussed the enhancement of student support services, including smoother admission processes, library facilities, examination procedures, canteen facilities, etc.
- These discussions have led to:
 - Refinement of admission procedures (on-line).
 - The Canteen was renovated as a follow-up in context of improving hygiene.

5.2 Efforts made by the institution for tracking the progression

Progression is tracked department-wise for postgraduate departments.

5.3 (a) Total Number of students

UG	PG	Ph.D.	Others
2719	1242	30	-

(b) Number of students from outside States 149

Number of International students 20

	Number	%
Men	2029	50.8

	Number	%
Women	1962	49.2

Last year (2013-14)						This year (2014-15)						
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Others	Physically Challenged	Total
2219	476	166	574	-	3435	2240	517	191	724	319	4	3991

Demand ratio 1:1

Dropout % 0

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

<p>Under UGC XIIth plan assistance, the guidance program for UPSC/ MPSC/ Banking/ SET-NET examinations for the reservation category and needy students was conducted through Competitive Examination Centre.</p> <ul style="list-style-type: none"> Following lectures were conducted for the students- i. Competitive Examination, an opportunity and challenges, ii. Interview techniques NET-SET examination guidance workshop was conducted for the students of the Department of Chemistry Mahesh Sindhal and PravinDusane passed MPSC Mains. No. of Lectures taken (hrs.) : 140 	
Number of student beneficiaries:	290

5.5	Number of students who qualified in these examinations:
-----	---

NET	2	SET / SLET	2	GATE	1	CAT	
IAS / IPS etc.	-	State PSC	-	UPSC	-	Others	3
GRE-TOEFL							

5.6	Details of student counselling and career guidance :
-----	--

Every year the Psychology department does testing for career guidance. Students visit the departments along with their parents. The activities that are carried out are as follows. 1. Counselling 2. Psychological testing 3. Career guidance 4. Counselling after testing for students aptitude 5. Problem solving guidance.

Number of students benefitted:	15
--------------------------------	----

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
35	145	57	Nil

5.8 Details of gender sensitization programs:

Gender sensitization programs, especially for lady students is conducted through:

- *Vidyarthini Manch* (which conducted 1 workshop with 3 sessions)
- *Nirbhaya* (which conducted 3 programs regarding prevention of sexual harassment on campus) comprising of street play, interactive counselling sessions, a lecture for teaching and non-teaching staff on gender issue
- *Equal opportunity center*: Two programmes were conducted.

5.9. Students Activities

5.9.1 Number of students participated in Sports, Games and other events:

State / University Level National Level International Level

Number of students participated in cultural events:

State / University Level National Level International Level

5.9.2 Number 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 benefitted	Amount (Rs.)
Financial support from institution (Poor Boys Fund and Earn and Learn Scheme)	51	2,09,910/-
Financial support from government	1095	84,04,712/-
Financial support from other sources (Cytel statistical software and services Pvt. Ltd.)	7	42,484
Number of students who received International / National recognitions	0	0

5.11	Student organized / initiatives:
------	----------------------------------

Fairs:

State / University Level	0	National Level	0	International Level	0
--------------------------	---	----------------	---	---------------------	---

Exhibitions:

State / University Level	0	National Level	0	International Level	0
--------------------------	---	----------------	---	---------------------	---

5.12	Number of social initiatives undertaken by the students:	Nil
------	--	-----

5.13	Major grievances of students (if any) redressed:	8
------	--	---

No major grievances were received from students. Minor ones regarding library facilities, infrastructure, teaching, office staff and others were redressed by the Grievance Redressal Committee.

Criterion – VI: Governance, Leadership and Management

6.1	State the Vision and Mission of the institution
-----	---

Our mission as an educational institution is to impart higher education for the development of academic excellence, character and personality of students; with a broader perspective of social, national, environmental and global commitment.

The objectives outlined are:

- To equip students with the necessary skills to compete in a technologically advanced global scenario.
- To provide an academic environment that reinforces appropriate social and cultural values.
- To provide research facilities which would promote the exploration in core areas related to traditional and contemporary fields of study.
- To provide value addition through co-curricular and extra-curricular activities.
- To enhance character development leading to national and global perspectives.
- To make education accessible to all sections of society.
- To sensitize students regarding environmental issues.

6.2	Does the Institution have a Management Information System: YES
-----	---

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

6.3.1	Curriculum development:
-------	-------------------------

Teachers from both Faculties were involved in curriculum development at the University level. These teachers played a crucial role in adapting the curriculum to contemporary needs.

6.3.2	Teaching and Learning:
-------	------------------------

Quality improvement in teaching and learning is two-fold:

- Students, at the PG level because of the Credit System have shown better results. More interactive sessions, continuous assessment and feedback has resulted in this improvement.
- All courses have introduced project component which has improved experiential learning.

6.3.3	Examination and Evaluation
-------	----------------------------

- Quality improvement in Examination and Evaluation is restricted; however, teachers have assessed students in their own innovative manner through extra tests, quizzes, group discussions, etc. at the departmental level.

6.3.4	Research and Development
-------	--------------------------

- Over the years, research in the institution has become a parallel academic activity. The college and its teachers have realized that resource generation and qualification improvement both can be achieved through obtaining research projects from different funding agencies. This ultimately reduces the burden on the college and the management to divert other developmental funding to research.
- The institution has seen a marked increase in research this year with significant publication output, in terms of both quality and quantity.
- Central instrumentation facilities and dedicated research laboratories have been developed to cater to researchers' needs in all disciplines of science especially.
- New Ph.D. research centres have been established this year.

6.3.5	Library, ICT and physical infrastructure / instrumentation
-------	--

- The college is now on-line in all its critical procedures such as admissions and office records. The internet network is available at all nodal points in the college (Office, Departments and Library). Dedicated hardware and software is now available at all points.
- Library cataloguing and record keeping is all software based. Research literature is available on-line through the central library.
- Instrumentation has increased significantly, *vis-a-vis*, research and teaching equipment.

6.3.6	Human Resource Management
-------	---------------------------

- The process of hiring and developing employees to become more valuable to the college is our primary focus. The college has filled the vacancies for the non-teaching staff and appointed teachers on temporary basis (till final approval of roster).
- Yearly appraisals for all teaching, administrative and other non-teaching staff have been done.
- Communication to all personnel is achieved through the hierarchy of the college; Principal through the Vice Principals and Heads of Departments and Registrar to the staff (teaching and non-teaching).

6.3.7	Faculty and Staff recruitment
-------	-------------------------------

- Faculty and staff recruitment is done as per State Government and SPPU Rules and Regulations. The Roster system is updated at each phase of recruitment. Proper advertisements are published for every post.
- This year the backlog of non-teaching posts has been almost cleared.

6.3.8	Industry Interaction / Collaboration
-------	--------------------------------------

- Collaborations are facilitated through projects at departmental level.
- Interactions were facilitated more widely through Special Lectures, Memorial Lectures and alumni in industry, who helped the college with placement or counselling.

6.3.9	Admission of Students
-------	-----------------------

- There is no separate and special strategy for admission of students. This has not been necessary because the college has not increased / decreased its student intake capacity.
- The process of admissions has been streamlined and made more student-friendly through on-line applications and one-point checking and fees payment.
- Transparency in the admission procedure is maintained by regular notifications on the college website, of number of seats filled and available, throughout the admission process.
- With special courses such as Biotechnology, Computer Science and Microbiology, counselling and help is available in the respective departments at all times.

6.4	Welfare schemes for
-----	---------------------

Teachers	*
Non teaching staff	*
Students	✓**

*. Teachers and non-teaching staff have the option of loans from the Maharashtra Education Society's Credit Society, which has been constituted for the purpose.

**. Students' welfare schemes include the GOI Scholarships and Freeships, Poor Boys Fund, Earn and Learn Scheme and endowment prizes.

6.5	Total corpus fund generated	Rs. 1 crore
-----	-----------------------------	-------------

6.6	Whether annual financial audit has been done	Yes	✓	No
-----	--	-----	---	----

6.7	Whether Academic and Administrative Audits (AAA) have been done?
-----	--

Audit Type	External		Internal	
	Yes	No	Yes	No
Academic	✓			
Administrative	✓		✓	

6.8	Does the University declare results within 30 days?
-----	---

For UG Programs	Yes	No	<input checked="" type="checkbox"/>
-----------------	-----	----	-------------------------------------

For PG Programs	Yes	No	<input checked="" type="checkbox"/>
-----------------	-----	----	-------------------------------------

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

Not applicable

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

Not applicable

6.11	Activities and support from the Alumni Association.
------	---

The Alumni activities are supported and conducted at the Departmental level.

6.12	Activities and support from the Parent – Teacher Association.
------	---

Parent-Teacher meetings / activities are supported and conducted at the Departmental level.
The Chemistry Department has conducted a Parent-Teacher meeting during this academic year

6.13	Development programs for support staff: Nil
------	---

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

Eco-friendly measures include:

- Green campus (Green audit)
- 'Clean' generators for power back-up
- Vermicomposting of hostel waste

Criterion – VII: 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.
-----	--

Nil

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

Plan of Action / Outcome:

- **Preparations for 3rd Cycle of NAAC Accreditation**

The IQAC plans for the 3rd Cycle of Accreditation have been deployed.

- The Steering Team has been decided, with Dr. P. B. Buchade (Vice-Principal) as its Co-ordinator.
- The strategy of writing the SSR has been finalized.
- Criterion-wise teams have been selected to write it.
- Two sittings to interpret the SSR have been held.
- Infrastructure development / renovation have been planned and budgeted by the CMC and the LMC.

- **Campus Development Program**

- Campus developmental / beautification activities have been undertaken to increase functionality.
- The Canteen renovation plans have been executed with suitable funding.

- **Best Practices**

- Several best practices have been identified for continuity.

7.3	Two Best Practices of the institution: <i>Annexure III</i>
-----	--

- Pre-Placement Preparation Activity
- In-house design and fabrication of circuit boards required for practicals

7.4	Contribution to environmental awareness / protection
-----	--

- S.Y. B.A. / B.Sc. Students have a compulsory (Graded) course in Environmental Awareness.
- Vermicomposting is used as a method for treatment of food waste for the Hostel eateries.

7.5	Whether environmental audit was conducted?	Yes	No <input checked="" type="checkbox"/>
-----	--	-----	--

7.6	Any other relevant information the institution wishes to add (for example SWOC analysis)
-----	--

SWOC analysis:

Strengths:

- Wide variety of courses through UG and PG.
- Research Centres and researchers with large number of research projects.
- State-of-the art of research laboratories in Physical, Chemical and Biological sciences.

Weakness:

- No space for physical expansion

Opportunities:

- Design and operate interdisciplinary and on-line courses.

Challenges:

- Motivating teachers to improve teaching-learning methodology.

8. Plans of institution for next year (2015 – 16)

- The college will primarily focus on the 3rd Cycle of NAAC Accreditation.
- The appointment of teachers to fill in the vacancies, especially those of Professors, will be done.



Dr. B. D. Bhole
Coordinator, IQAC

30.09.2015



Dr. Shrikant G. Gupta
Chairperson, IQAC

Annexure I
ABASAHEB GARWARE COLLEGE
Academic Calendar for 2014-15

Month	Activity
May 2014	<ul style="list-style-type: none"> • Prospectus and application form printing for 2015-16 • Timetable formulation • Meeting of the Admissions Committee (Admission Policy for 2015-16)
June 2014	<ul style="list-style-type: none"> • Entrance examinations for postgraduate courses (Computer Science and Microbiology) • Admissions to First Year and Second Year undergraduate classes • Meeting of the Timetable Committee to finalize College Timetables for 2014-15 • Commencement of Academic Year 2015-16 (15th June 2015) • Principal's address to staff • IQAC Meeting • SSR Committee Meeting • Admissions to postgraduate classes • Submission of research proposals to BCUD SPPU
July 2014	<ul style="list-style-type: none"> • IQAC Meeting • Compilation of Students Results for reporting to MES • Admissions for MSc • Commencement of MSc classes
August 2014	<ul style="list-style-type: none"> • IQAC Meeting • Independence Day Celebrations • University Paper setting • 15.08.2014 Independence day Holiday
September 2014	<ul style="list-style-type: none"> • IQAC Meeting • Internal Examinations (Term I) • Academic Awards (2014-15) Function • Filling SPPU Examination Forms (Sem I / III)
October 2014	<ul style="list-style-type: none"> • IQAC Meeting • Internal Examinations Written for PG (Sem. I / III) • University Examinations UG • 2.10.2014 Mahatma Gandhi Jayanti Holiday • University Examinations UG
November 2014	<ul style="list-style-type: none"> • University Examinations UG

	<ul style="list-style-type: none"> • Diwali Vacation • Commencement of 2nd Term UG
December 2014	<ul style="list-style-type: none"> • IQAC Meeting • MSc Practical Examinations • 25.12.2014 Christmas Day Holiday
January 2015	<ul style="list-style-type: none"> • Commencement of MSc Sem II / IV • <i>AGAM Kala Mandal</i> Annual Program • IQAC Meeting • Republic Day Celebrations • Seminars & Workshops • Declaration of SPPU Results for UG and PG • 26.01.2015 Republic Day Holiday
February 2015	<ul style="list-style-type: none"> • 10.02.2015 Savitribai Phule Pune University Foundation Day • IQAC Meeting • Internal Examinations (Term II) • Seminars & Workshops • Sports Day Function • Filling SPPU Examination Forms (Sem II / IV)
March 2015	<ul style="list-style-type: none"> • Internal Examinations for PG
April 2015	<ul style="list-style-type: none"> • SPPU Examinations for BSc • Planning work committees for next academic year • End of Academic Year 2014-15 • 14.04.2015 Dr. Babasaheb Ambedkar Jayanti Holiday
May 2015	<ul style="list-style-type: none"> • University Examination for PG

ANNEXURE - II

Report of analysis of feedback of students about teachers For the year 2014-2015

The feedback of students about their teachers was taken for the year 2014-2015 from students of:

Class	Subjects
M.A.	Politics, MCMJ
M.Sc.	Microbiology, Biotech, Computer Science, Electronics

Total number of teachers = 22

Total number of forms = 626

Numbers of teachers were:

M.A.	4
M.Sc.	18
Total	22

The statistical analysis was carried out for each question, for each factor and total for every teacher. The results are:

M. A.

GRADE	SCORE	NO. OF TEACHERS	% OF TEACHERS
EXCELLENT	90-100	1	25
GOOD	70-89.99	2	50
AVERAGE	50-69.99	1	25
TOTAL		4	100

Average score = 84.505

Grade: Good

Highest score = 95.94

Name of Teacher = Dr. SHOBHA KAREKAR

M. Sc.

GRADE	SCORE	NO. OF TEACHERS	% OF TEACHERS
EXCELLENT	90-100	5	27.78
GOOD	70-89.99	13	72.22
TOTAL		18	100

Average score = 85.32

Grade: Good

Highest score = 94.05

Name of Teacher = Dr. Bhole

OVERALL :**Highest score: 95.94 Teacher: Dr. SHOBHA KAREKAR Subject: POLITICS****MA : POLITICS**

Sr. no.	Name of the teacher	Mean	Grade	Total count
1	Dr. SHOBHA KAREKAR	95.94	Excellent	53

MA : MCMJ

Sr. no.	Name of the teacher	Mean	Grade	Total count
1	Prof. Vinay chati	87.2	Good	29
2	Prof. VINAY KULKARNI	87.75	Good	29
3	Prof. NUTAN KANRGAONKAR	67.13	Average	29

M. Sc. : MICROBIOLOGY

Sr. no.	Name of the teacher	Mean	Grade	Total count
1	Dr. N. M. Deshpande	82.84	Good	19
2	Dr. P. N. Shede	90.1	Excellent	19
3	Dr. B. D. Bhole	94.05	Excellent	19
4	DR.N.P.PATIL	85.89	Good	19
5	Prof. S.S.DIWANAY	89.47	Good	19
6	Prof. V. G. KSHIRSAGAR	91.57	Excellent	19

M. Sc. : BIOTECH

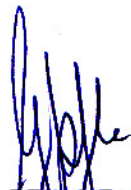
Sr. no.	Name of the teacher	Mean	Grade	Total count
1	DR.VAISHALI JAVDEKAR	91	Excellent	22
2	Prof. PRAVIN POHEKAR	76.45	Good	22
3	Prof. ASIM AUTI	82.31	Good	22
4	Dr. PRIANLALI DIXIT	86.18	Good	22
5	Dr. GAURI ABHYANKAR	85.63	Good	22

M. Sc. : COMPUTER SCIENCE

Sr. no.	Name of the teacher	Mean	Grade	Total count
1	Prof. RASIKA DESHMUKH	79.83	Good	55
2	Prof. PARAG TAMHANKAR	83.61	Good	54
3	Prof. SWAPNA KULKARNI	81.02	Good	47
4	Prof. CHITRA NAGARKAR	79.14	Good	34

M. Sc. : ELECTRONIC

Sr. no.	Name of the teacher	Mean	Grade	Total count
1	Prof. VARSHA	90.08	Excellent	25
2	Prof. WALUNJ	84.04	Good	24
3	Prof. MADHAVI	82.69	Good	23


PRINCIPAL
Abasaheb Garware College
Pune-4.

Annexure III – Best Practices

Best Practice 1: Department of Computer Science
--

1. **Title of the Practice:** Pre-Placement Preparation Activity
2. **Goal:**
 - To assist students develop/clarify their academic and career interests, and to set their short and long-term goals.
 - To empower students with life-long career decision-making skills.
 - To assist our students in obtaining final placement in reputed companies.
3. **The Context:**

Students of the Department of Computer Science are placed through the Placement Cell of the college, which was initiated by the Department. Since there is a high competition for placement, the department started this activity to increase the chances of students of the department getting a placement in industry.
4. **The Practice:**

Staff Members from department take sessions on various subjects like C, C++, DS, OS, UML Diagrams and Databases etc. and also conduct tests on the same.

IT Experts are also invited to conduct lecture series on current trends in Information Technology and the contemporary requirements of prospective employees.

Sr. No.	Name of the resource person	Organization	Topics
1.	Mr. Parag Tamhankar	Computer Science Dept.	C, C++, Data Structures, Operating Systems
2.	Ms. Rasika Deshmukh	Computer Science Dept.	SQL queries, UML diagrams
3.	Mr. Aniket Khare	Bentley Systems	DotNet

Evidence of success:

There has been an increase in the number of students of the department being placed in IT industry.

Problems encountered and resources required:

- Timetable adjustments had to be made to accommodate this practice. If more time can be made available, this practice could be more productive.

Best Practice: 2 Department of Electronic Science

1. **Title of the Practice:** In-house design and fabrication of circuit boards required for practicals
2. **Goal:** The aim of this practice is to design and make circuit boards in-house, required for different experiments for practical sessions at F. Y. B. Sc., S. Y. B. Sc. and T. Y. B. Sc. This activity is continual and additional features are added as per the requirement of the experiment. Design and development of such boards definitely inculcates the feeling of belonging. It also enriches practical knowledge of teachers as well as the laboratory supervisors. This activity is definitely a value addition for the department as all the staff members are proactively involved in it.

3. The Context:

Customized circuit boards are required for teaching undergraduate students of Electronic Science. Since such boards prove expensive (in the quantities needed), teachers of the department decided to design and make these boards.

These boards have to be prepared by considering the level of the students and class of the students for which it is designed. For new entrants (F.Y.B.Sc.) the boards are simple and identical to standard circuit diagrams.

For S.Y.B.Sc. and T.Y.B.Sc. students, the aim being to develop practical skills, they are asked to build the circuit on their own and make it work as per the requirement. Students therefore familiarize themselves with the components and soldering skills in this exercise. They can even debug the problems if required.

4. The Practice

The activity is carried out in following way:

1. The list of experiments is made for which boards are to be designed.
2. The teacher designs the circuit and assesses its feasibility.
3. The circuit is tested with designed components on *breadboard* and checked for any change in designed values.
4. Once circuit is finalized, the teacher decides the arrangement of components on the board considering the following aspects:
 - a. The class for which it is to be designed.
 - b. The mounting of components.
 - c. The size of the wooden board on which the components are to be mounted
 - d. Number of connecting terminals required
 - e. Requirement of display devices and their place of mounting
 - f. Then the circuit diagram is drawn on the board considering different positions of the of components on the board
 - g. The components are mounted on the upper surface of the board and all the interconnections are done at the back of the board.
 - h. The circuit diagram components are labeled appropriately.
 - i. Fabrication is done using tools including the drilling machine and soldering gun.
 - j. The board is then tested for its functioning.

k. Then the practical lesson plan is prepared by the teacher.

5. Evidence of Success

- The teachers have found that this practice saves considerable time and money.
- The students have shown greater confidence in handling the experiments.

6. Problems Encountered and Resources Required

The difficulties in conducting this practice are:

1. Availability of the wooden board with required specifications
2. Recycling the boards
