

The Annual Quality Assurance Report (2010-11) of
Internal Quality Assurance Cell
JIJAMATA COLLEGE OF SCIENCE AND ARTS
DNYANESHWARNAGAR, BHENDE, Tal. Newasa, Dist. Ahmednagar,
(Maharashtra)

PART-A

1. 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.

i) The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement:

The internal Quality assurance cell in its last meeting held on 30th April 2010 has discussed and chalked out the following agenda to be projected as “Plans for the next academic year” to be implemented by the college during the academic year 2010-2011.

- a. To purchase more computers and teaching aids for college
- b. To introduce Carrier Oriented Course in Computer Awareness
- c. To start new courses M.Sc. in Analytical Chemistry and M.A. in Economics
- d. To encourage teachers for research
- e. To improve infrastructural facilities
- f. To provide the Bus facility for the students
- g. To send proposals for financial assistance from UGC for infrastructural facility like indoor stadium
- h. To establish Generator set for power backup facility
- i. To develop linkages with Academic /Research bodies
- j. To send LOI and submit the RAR to NAAC office
- k. To apply for the Best College Award to University of Pune
- l. To install Water Purifiers in Students Hostel and Staff room
- m. Renovation of administrative Office and Principal Office

ii) The outcome achieved by the end of the year:

As per the plan formed, we have completed the following:

- a. The college purchased six computers, six printers, two projectors, a web cam and other teaching aids.
- b. As planned before the college introduced this year a Carrier Oriented Course in Computer Awareness.
- c. This year the college started two P.G. Courses like M.Sc. in Analytical Chemistry and M.A. in Economics.
- d. The faculty encouraged to involve in research activities that resulted getting sanction of minor research projects for few members.
- e. The college authority has provided more space for vehicle parking with its extension.
- f. The extension and renovation of chemistry laboratory and Physics laboratory is completed.
- g. As per planning, the college authority has hired a bus for the students.
- h. The college has sent the proposals for financial assistance from UGC for infrastructural facility like indoor stadium.
- i. The college has purchased the Generator Set for power backup facility.
- j. The college has developed linkages with Amrita Vishwa Vidyapeetam, Coimbatore, an Academic /Research bodies.
- k. The college IQAC has sent the LOI and submitted the RAR to NAAC office.
- l. The college had applied for the Best College Award to University of Pune.
- m. The college has installed the Water Purifiers in Students Hostel and Staff room.
- n. The Renovation of administrative Office and Principal Office is completed.

Part B

1) Activities reflecting goals and objectives of institution:

- As per the plan chalked, the college has started a Carrier Oriented Course in Computer Awareness.
- The college has provided the bus facility for students.

2) New Academic programme initiated (UG & PG):

- The new Postgraduate course M.Sc. in Analytical Chemistry and M.A. in Economics in this year has been started during this academic year.

3) Innovations in curricular design and transaction:

The college does not have direct involvement in designing the curricula of university courses. It is designed by University of Pune, but the faculty members participate and suggest their views to the Board of Studies of university.

The college itself designed the curriculum of Carrier Oriented Course in Computer Awareness.

4) Inter-disciplinary programme started:

No

5) Examination Reforms implemented:

The University of Pune reforms examinations pattern; this year the University of Pune changed the examination pattern for First Year students. As per the rules of the university, the Central Assessment Programme for First Year students has been carried out in the college.

6) Candidate qualified-NET/SLET/GATE etc:

Nil

7) Initiatives towards faculty development programme:

Faculty members are allowed to participate in Oriented/Refresher courses in their respective subjects. They are also motivated for research activities. The following faculty members have participated in such activities.

Sr. No.	Name of faculty	Refresher /Orientation Course	University
1	Shri. Maher S.M.	Refresher Course	Dr. BAM University, Aurangabad
2	Shri. Kolate S.B.	Refresher Course	Dr. BAM University, Aurangabad
3	Shri Darawde S.S.	Refresher Course	Dr. BAM University, Aurangabad

The following faculty members have participated in International Conferences, during the academic year 2010-11.

International Conferences				
Sr. No	Name of the staff	Name Of The Conference	Dates And Duration	Place
1	Shri. Naval R.M.	3 rd International Conference for Young Chemist- 2010	23-25 June 2010	University Sains, Penang, Malaysia

8) Total number of Seminar/ Workshop conducted:

Seminar- - 06;

Workshop- Nil.

9) Research Projects:

a) Newly Implemented: Five Faculty members have submitted proposals & three of them have recently received sanction from UGC.

i) Major Research Projects

Sr.	Name of the faculty member	Title of project	Duration	Amount sanction	Funding agency
1	Dr. Kale S.B.	The Management and Utilization of Water Resources in Maharashtra, a case study of Ahmednagar District.	5 years (2010 – 2011)	4,66,200/-	U.G.C. WRO, Pune.

ii) Minor Research Project

Sr.	Name of the faculty member	Title of project	Duration	Amount sanction	Funding agency
1	Dr. Bhitre S. R.	“Study of Effect of Doping of Non-Magnetic Al ³⁺ on the Structural and Magnetic Properties of Cd-Ferrites.”	2 years (2010 – 2012)	2,00,000/-	BCUD, University of Pune

2	Dr. Kale S.B.	The Management and Utilization of Water Resources in Maharashtra, a case study of Mula Irrigation Project.	2 years (2010 – 2012)	50,000/-	BCUD, University of Pune
3	Dr. Saswade R.R.	Bio-Efficacy of wild plant extracts against some pathogenic microorganisms.	2 years (2010 – 2012)	2,00,000/-	BCUD, University of Pune
4	Shri. Patil I.P.	A study of child labor-Boy's and Girl's mental health and adjustment	2 years (2010 – 2012)	50,000/-	BCUD, University of Pune

b) Completed Research projects

Shri Deshmukh P.B, Dr. S.R. Bhitre	Study of effect of Doping of Non-magnetic Al ³⁺ on Mag.Properties of CdCo ferrites.	2 years (2009 – 2011)	1,80,000/-	U.G.C. WRO, Pune.
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10) Patent Generated, if any:

Nil.

11) Newly collaborated Research Programme:

Nil

12) Research Grants received from various agencies:

This academic year following 08 faculty members have received sanction for research projects.

Sr. no.	Funding Agencies	Number of Faculty members	Amount Received in Rs.
1.	BCUD, University of Pune	04	5,00,000/-

Details of Research Scholars:

Under the guidance of Dr B.J. Apparao, 05 research students have registered with University of Pune and working for Ph.D. out of them 02 students have completed their research work and awarded Ph. D. in this year.

13) Citation Index of faculty members and Impact factor:

Majority of the faculty members are engaged in the research activities. Many of them have published their research finding in various reputed journal with good impact factor.

14) Honours / Awards to the faculty members:

- Shri. Patil A. J., Assistant Professor in Zoology, was awarded Ph. D. by Dr. BAM University, Aurangabad.
- Shri. Maher S.M. Assistant Professor in Hindi was awarded Mahatma Phule National Talent Research Award- 2010 by National Talent Research Academy, Nagpur.

15) Internal resources generated:

The college has started the following courses to generate internal resources.

Sr. No.	Name of Programme	Duration	Fee Structure, Teacher Qualification, Salary
1.	M.A. Economics part I	2 Years	As per rules of University of Pune, and U.G.C.WRO, Pune.
2.	M. Sc. Chemistry	2 Years	
3.	Carrier Oriented Course in Computer Awareness	1 Year	

16) Details of getting SAP/COSIST/DIST/FIST etc. assistance/recognition:

Nil

17) Community services:

National Service Scheme-(210-11) This Year College has organized a winter camp in nearby village, Sureshnagar. In which 150 students participated. The student volunteers worked on a special mission of Environmental Awareness. For this purpose they digged 1465 pits for plantation & planted various plants in the village.

The student volunteers worked on superstition eradication, plantation, repairing & construction of internal roads etc. For this purpose, they organized talks, rallies, street plays to create an awareness regarding environmental issues, health and hygiene.

The student volunteers completed the following works:

- a. Pits for plantation : - 1465
- b. Tree plantation : - 1465

- c. Pipeline for drinking water : - 1250 ft.
- d. Renovation of Water Lake.
- e. Construction of plat-form : - 20x20x4ft.
- f. Repairing of road : - 2700 ft.

The volunteers completed the work of which estimated cost is **Rs.1,65,000/-**.

This Year the NSS volunteers organised a special rally to create awareness of vote among the citizens. It was organised on 25th Jan. 2011, A Voters Day. The NSS unit has recently established Red Ribbon Club (RRC) for HIV-AIDS awareness, prevention among the youngsters.

19) Teachers and officers newly recruited:

Three teachers are appointed on Ad-voc basis. The 06 Teachers, 03 computer technician and 02 non-teaching staff.

20) Teaching non- teaching staff ratio:

38:20 (1.9:1)

21) Improvements in Library services:

At present we have **15,432 books & reference** books in library which costs **Rs. 21,10,035/-**. In this academic year, we have purchased following books for library:

Faculty	Text	Amount Rs	References	Amount Rs.	Total Books	Total Amount Rs.
Arts	264	34160/-	358	98720/-	622	132888/-
Science	337	36360/-	197	94996/-	534	131356/-

Arts Faculty-

Subject	Text	Amount Rs.	References	Amount Rs.	Total books	Total Amount Rs.
Marathi	24	2400/-	100	20675/-	124	23075/-
English	30	2600/-	11	4180/-	41	6780/-
Hindi	16	800/-	08	4610/-	24	5410/-
Economics	155	21280/-	179	45468/-	331	66748/-
History	20	4200/-	01	650/-	21	4850/-
Geography	11	1120/-	02	1650/-	13	2770/-
Politics	11	1760/-	03	1800/-	14	3560/-
Psychology	-	-	05	4340/-	05	4340/-
Lib.sci	-	-	02	500/-	02	500/-
Sports	-	-	10	7090/-	10	7090/-
G.K.	-	-	07	1385/-	07	1385/-
Other	-	-	30	6380/-	30	6380/-
Total	264	34160/-	358	98720/-	622	132888/-

Science Faculty:

Subjects	Text	Amount Rs.	References	Amount Rs.	Total Books	Total Amount Rs.
Chemistry	190	17815/-	75	48159/-	265	65974/-
Physics	72	9130/-	77	21983/-	149	31113/-
Botany	26	3020/-	43	22009/-	67	25029/-
Zoology	13	1805/-	-	-	13	1805/-
Mathematics	20	3310/-	02	2845/-	22	6155/-
Marathi	16	1280/-	-	-	16	1280/-
Total	337	36360/-	197	94996/-	534	131356/-

23) Courses in which student assessment of teacher is introduced and the action taken on student's feedback:

The student assessment of teacher is taken regularly. As per the guidelines received from University of Pune, the new assessment method has implemented.

24) Unit cost of Education:

Unit cost of education, (as calculated using the formulae, Unit cost = actual total annual revenue budget divided by the number of students enrolled) is as:- Rs.

25) Computerization of administration and the process of admission and examination results, issue of certificates:

The office work is fully computerized. For this purpose, the college has regular upgradation in Vriddhi special software.

26) Increase in infrastructural facilities:

The library has been shifted in new spacious hall. The renovation and extension of chemistry laboratory and Physics laboratory is completed.

27) Technology up-gradation:

The college purchased new 06 computers, 06 Laser printer, 02 LCD projectors, 01 web-camera, headphone set.

28) Computer and Internet access & training to teachers & students:

All teachers are computer literate. The college teachers and students have provided internet facility and they can access it as per their need. A separate unit runs MSCIT course in computer application. The college started the Carrier Oriented Course in Computer Awareness. For the easy Internet access, the college has adopted BSNL Broad Band Unlimited Plan.

29) Financial Aid to student:

The various scholarships of State Govt. are made available to students. The details of which is as follows: (20010-11)

Sr. No.	Type	Number	Amount Rs.
1	Endowments	-	-
2	Free-ship	28	119937/-
3	Scholarship (Govt)	261	1058520/-
4	Scholarship (Institution)	-	-
5	No. of Loan Facilities	-	-
6	Financial support for students	73	58400/-

Apart from these the poor & needy students are given concession / installment facility in admission fees.

30) Activity and support from the Alumni Association:

A yearly meeting of alumni was arranged this year. In which all members discussed the current issues and suggested few remedies.

31) Activity and support from Parent Teacher Association:

The meeting of Parent –Teacher association was organized during the first half of this academic year.

32) Health Services:

A special Medical Checkup camp was arranged during first-half of this academic year. In this camp all students were checked & provided the guidance and free medical treatments.

33) Performance in Sport Activities: Year 2009-10**Participation Inter-Collegiate Tournament**

No.	Name of the Game	No. of Players
1.	Cross–Country	06
2.	Ball Badminton	14
3.	Kabaddi	11
4.	Archery	08
5.	Athletics	09
6.	Wrestling	03

Inter-Group Players Participation

No.	Name of the Game	No. of Players
1.	Cross – Country	01
2.	Athletics	01
3.	Archery	02
4.	Kabaddi	02

Inter-University Participation

No.	Name of the Game	No. of Players
1.	Kabaddi	01

34) Incentives to outstanding sport persons:

- Outstanding sports persons are given 50% concession in the college fees.
- Incentives like, Prizes, mementos, medals, testimonials, certificates and trophies, are given to outstanding sports persons.
- Shoes, Tracksuit, etc., are given to outstanding sports persons.
- Concession in hostel fee is provided to the outstanding sports students.
- Free sports kits given to students showing good performance in sports.

35) Students achievements and awards:

- One sportsman was selected in Pune University team for Kabaddi (Ajmer University, Rajasthan) for Inter-University tournament.
- One sportsman was selected in Pune University team for Ashwamedh - Kabaddi (Akola) in Inter-University tournament and he won Silver medal.
- One sportsman won second rank in Inter-group athletics competition at Pune University.
- Two students were won second and third prize in State level elocution competition.
- Teams from our college have won First and Second Ranks in **Avishkar** competition. One project was selected for University Level Competition.

36) Activities of Guidance and Counseling unit:

- The information regarding various jobs & opportunities is being displayed to students time to time.

- A regular Soft Skill Development Programme was arranged for final year students and our Virtual Learning Centre provides detailed information & guidance of various service opportunities.

37) Placement services provided to student:

The college has organised an Entrepreneurship Awareness Development Programme for the students in collaboration with M.C.E.D. Ahmednagar. As well as invited a multinational company named Sun Pharmaceuticals, Ahmednagar and organised a campus interview. Through this campus interview, 25 students are selected for the job. The cell always displays an opportunities about the job wherever are possible for the student from each faculty.

38) Development programme for non-teaching staff:

Four members from non-teaching staff were attended a training camp at University of Pune.

39) Healthy Practices of the Institution:

- a. This year the college has started a Carrier Oriented Course in Computer Awareness.
- b. For the student from remote areas the college has provided the bus facility in concessional rate.
- c. Financial support for students at entry level
- d. The NSS unit has recently established Red Ribbon Club (RRC) for HIV-AIDS awareness, prevention among the youngsters.

40) Linkages developed with National /International, Academic / Research Bodies:

In this academic year, the college has developed the Linkages with the Virtual Study Center of Amrita Vishwa Vidyapeetham, Coimbatore.

41) Any other information the Institution wishes to add:

- One faculty member Shri **Naval R.M.** Vice Principal has participated in Third International Conference for Young Chemist- 2010 held at **University Sains, Penang, Malaysia** on 23-25 June 2010.
- This year our College has been awarded with “**Pune University Best Rural College award -2011**”.
- Participation of students in **Avishkar**, the project competition organised by University of Pune and State Govt. of Maharashtra, to motivate students and participate in research activities. Teams from our college have won

First and Second Ranks. One project was selected for University Level Competition.

- **Three faculty** members were elected as a Board of Study member in University of Pune.
- **Three faculty** members were elected as a Faculty member in University of Pune.
- The college is honored with **hostship** to organize the programmes of Ahmednagar District All Intercollegiate Matches for the Year 2011-12
- The college received the following Development Grants from University of Pune and U.G.C.

Sr.No.	Particulars	Amount in Rs.	Funding Agency
1	Construction of Cycle Stand	3,00,000/-	BCUD, Pune
2	Office Software	60,000/-	BCUD, Pune
3	Sport Development	1,20,000/-	BCUD, Pune
4	Best College Award	75,000/-	BCUD, Pune
5	College Development Scheme	2,50,000/-	U.G.C.
6	Merged Scheme 11 th Plan	2,32,000/-	U.G.C.
7	State level Seminar	65,000/-	U.G.C.
Total		11,02,000/-	

Part C:

Detail Plans of the institution for the next year (2011-12)

The internal Quality assurance cell in its last academic meeting held on 30th April 2011 has discussed and chalked out the following agenda to be projected as “Plans for the next academic year” to be implemented by the college during the academic year 2011-12.

1. To start Carrier Oriented Certificate Course in Spoken English,
2. To start MS-CIT Course with departmental library,
3. To start Carrier Oriented Nursery Development Course,
4. To apply for B. Sc. (Computer Science) Course
5. To develop infrastructural facilities such as
 - a. Landscaping in college campus
 - b. Shifting of NSS and Student Welfare Offices
 - c. To improve and strengthen the Carrier Guidance and Placement Cell
 - d. Furnishing of Ladies Common Room and IQAC office
 - e. Renovation of administrative Office, Principal Office, Vice Principal office and Boys Hostel
 - f. To provide a separate Store Room for Office

Name and Signature

(Prof. V.D. Adsure)
Coordinator, IQAC,

(Dr. B.J. Apparao)
Chairperson, IQAC

INDEX

Sr. No.	Part	Details	Page No.
1]	Part – A	Plan of Action for Quality Improvement	1
2]	Part – B	Questionnaire	3
3]	Part - C	Detail the Plans of the Institution for next year	13

**The Annual Quality Assurance Report (AQAR)
of Year 2010-11**

Internal Quality Assurance Cell (IQAC)



Established in 1992

Jijamata College of Science and Arts,

At. Dnyaneshwarnagar, Po. Bhende, Tal. Newasa, Dist. Ahmednagar,

Maharashtra State, PIN – 414 605.

Tel. 02427- 255304, **Fax** . 02427- 255809,

Web site:

[www. jijamatacollege.com](http://www.jijamatacollege.com)

Email: principal@jijamatacollege.com

Submitted to

National Assessment and Accreditation Council (NAAC)

Post Box No. 1075, Nagarbhavi,

Bangalore -560 010

To
The Director,
National Assessment and Accreditation Council,
P.O. Box No. 1075,
Nagarbhavi, Bangalore – 560 010

Subject: Submission of Annual Quality Assurance Report

Respected Sir,

I am herewith submitting the self-reviewed Annual Quality Assurance Report (AQAR) of our college for the academic years 2009 10 and 2010-11, detailing the tangible results achieved in key areas, identified by the Internal Quality Assurance Cell (IQAC) of our college. Kindly acknowledge the receipt of the same.

I would like to add that the college has also submitted the Reaccreditation Report to the NAAC office on 30 December 2010 and currently waiting for the confirmation of the dates for Peer- Team visit.

Thanking you,

Yours Sincerely,

(Dr. B. J. Apparao)

Copy to:

1. Director,
Board of College and University Development,
Pune University,
Ganeshkhind, PUNE – 411 007

To,

The Director,

National Assessment and Accreditation Council,
(NAAC), **P.O. Box No. 1075,**

Nagarbhavi,

Bangalore – 560 072

From

The Principal,

Jijamata College of Science and Arts,

At. Dnyaneshwarnagar, Po. Bhende,

Tal. Newasa, Dist. Ahmednagar,

Maharashtra State, **PIN – 414 605.**

To,

Head, Quality Assurance Cell (QAC),
Government of Maharashtra,
S.N.D.T. Women's' University,
7th Floor, Patkar Hall building,
New Marine Lines,
MUMBAI – 400 020.

From

The Principal,
Jijamata College of Science and Arts,
At. Dnyaneshwarnagar, Po. Bhende, Tal. Newasa,
Dist. Ahmednagar, Maharashtra State, PIN – 414 605.