

The Annual Quality Assurance Report (AQAR) of the IQAC

**Name of the Institution: Jankidevi Bajaj College of Science, Wardha
-442001 (M.S.)**

Year of Report: 2008-09

Part A:

**Plan of action chalked out by the IQAC in the beginning of the year (2008-09)
towards quality enhancement and the outcome achieved at the end of the
year.**

Following is the 16 point Plan of action chalked out by the IQAC in the beginning of the year
(2008-09) towards quality enhancement and its outcome achieved at the end of the year.

(Note: Outcome typed in *italics*.)

1. To start following new courses/program options

B.Sc.II Maths, Computer Science, Electronics

B.Sc.II Biotechnology, Chemistry, Zoology

B.Sc.II Biotechnology, Chemistry, Botany

M.Sc. II (Microbiology)

College has started all these from session 2008-09.

2. To start teaching from the very first day of session for B.Sc. II & B.Sc.III Classes. And
immediately after admission for B.Sc.I and M.Sc. Classes.

To complete Syllabi before 10th Jan 2009.

Teaching started as per the decided schedule. Syllabi was completed before 10th Jan 2009.

3. To conduct two Unit tests, Half yearly exam. and annual test exam for all classes. To conduct exam oriented tutorial after the unit test and discuss with students- how to solve problems, way of writing in exams etc.

Exams have been conducted as decided. Performance of students in test exam has been discussed in the tutorial classes that followed.

4. Students' Seminars for B.Sc.II,III and P.G. students .

Compulsory assignments for all students .

Students to be fined for not participating in seminars/assignments.

All students were given assignments. Student seminars were conducted for all the classes.

No. of seminars: UG -168 , PG- 123.

5. Excursion for U.G. and P.G. students in Diwali vacations.

B.Sc. Bio-tech excursions have been taken to Shimla in Diwali vacations.

6. To conduct some popular lectures and guest lectures.

A popular lecture by Prof. M. A. Gaikwad, Sewagram on was arranged.

Chemistry- G.S. Pande, Neeri, Nagpur.

B/T- Dr. A.B. Jain Wardha.

Botany- Dr. Soham Pandya

7. To organize a national seminar on Basic Sciences.

A two day National seminar on 'Innovations in Basic Sciences in the Realm of Modern Education system' "INNERVATE 2008" was organized on 27th and 28th dec. 2008. The seminar was sponsored by UGC, CSIR, DST and Shiksha-Mandal.

8. To install a Xerox Machine in college Library.

A Xerox machine has been installed in college Library. Reprography facility is available to students and staff at reasonable rates.

9. Scientific Innovations / Projects / activities to be undertaken. inor research projects & Ph. D. to be undertaken.

Teachers are motivated to undertake innovation projects. One teacher (Mrs. Dhabarde, Botany) has undertaken MRP.

10. To arrange Summer coaching for sports.

A free Summer Coaching camp has been organised. 60 students participated.

- 11 . To construct Biodiversity park / museum of rare plants.

Biodiversity park / museum of rare plants could not be constructed due to lack of funds.

12. New Computers/software to be budgeted.

Some new computers were purchased.

13. To conduct personality development workshop for students.

A personality development workshop for students by swami Jyoti Swapnananda from Ramkrishna mutt was organized.

14. Maintaining cleanliness of campus.

Cleanliness of campus is maintained.

15. To get the laboratories approved by university for research work.

Approval for Botany and Chemistry research labs from Uni. is awaited.

16. To create research facilities and central research Laboratory

Idea of central research Laboratory could not be materialised.

Part B:

1. Activities reflecting the goals and objectives of the institution:

The college holds seminars ,workshops, guest lectures and extension activities such as NCC, NSS, CWSS, PEC etc. Work culture is inculcated by conducting cleanliness drives , tree plantation etc. . Teachers participate in conferences workshops and refresher courses.

2. New academic programmes initiated (UG & PG):

B.Sc.II Maths, Computer Science, Electronics

B.Sc.II Biotechnology, Chemistry, Zoology

B.Sc.II Biotechnology, Chemistry, Botany

M.Sc. II (Microbiology).

3. Innovation in curricular design and transaction:

Four faculties are members of Board of Studies of RTM Nagpur Uni. (one faculty is chairman B.O.S.) . They actively participate in designing / modifying the curriculum.

4. Inter-disciplinary programmes started:

Nil.

5. Examination reforms implemented:

Nil. Since the college is affiliated to RTM Nagpur Uni.. Its Exam pattern needs to be followed).

6. Number of Candidates qualified NET/SET :

Nil.

7. Initiative towards faculty development:

Teachers are permitted to go for Orientation/ refresher courses.

Two teachers were allowed to join Ph. D.

8. Total number of Seminars / Workshops Conducted:

One seminar. Two day National seminar on 'Innovations in Basic Sciences in the Realm of Modern Education system' on 27th and 28th dec. 2008. The seminar was sponsored by UGC, CSIR, DST and Shiksha-Mandal.

9. Research projects:

a) Newly implemented: b) Completed :

a) Newly implemented: 01 , MRPs sanctioned by UGC= 01.

b) Completed : Nil c) Ongoing =02

10. Patents generated , if any :

Nil

11. New collaborative research programmes:

Nil.

12. Total research grants received from various agencies.

Total Grant received from UGC for 1 MRP = Rs. 35,000

Outstanding grant for 2 ongoing MRPs = Rs. 20,120

UGC Add-on course = Rs. 7,00,000

UGC XI th Plan = Rs. 6,94,987

Total = Rs. 14,50,107

13. Details of research scholars:

Three teachers are working for Ph.D.

14. Citation index of faculty members and Impact factor:

Nil.

15. Honors/Awards to the faculty:

Prof S. S. Bongade has been nominated as honorary member of M. S. sports council by the Governor of Maharashtra.

16. Internal resources generated:

(a) From No-grant courses:

Course	Receipts	- Expenditure	= Balance (Rs)
M.Sc.(Botany)	517050	328026	189024
M.Sc.(Chem.)	842285	701161	141124
M.Sc. (M/B)	733610	817785	-84175
B.Sc. (Computer Sci.)	1003220	523310	479910
B.Sc./M.Sc. (B/T)	1242600	645804	596796
Total			1322679

17. Details of departments getting SAP, COSIST(ASSIST) /DST, FIST, etc assistance/recognition:

Nil.

18. Community services:

Community services NSS, NCC, PEC, Teachers-parents meet , CWSS, Vivek wahini.

Organised International literacy day program, World population day, Cleanliness programs.

19. Number of teachers and Officers Newly recruited :

Nil.

20. Teaching – Non-teaching staff ratio:

30 : 57

21. Improvements in the library services.

Xerox Machine installed. Open access to PG students and all first div students.

22. No. of new books / journals subscribed and their value:

No. of new books added = 733 . Total books 32440.

Journals continued = 25 New Journal added =04 Total = 29

23. No. of courses for which students assessment of teachers is introduced and the action taken on student feedback:

For All courses. Feedback of 9 teachers (i.e. nearly one-third teachers) was taken from Undergraduate students. Strong and Weak points of the teacher were brought to his/her notice by the Principal/ Management for improvement.

24. Unit cost of Education:

Unit cost of Education including salary is Rs. 41579 and

Unit cost of Education excluding salary is Rs. 1406.

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

Administration, examination results, and issue of certificates: - computerized.

26. Increases in the infrastructure facilities:

New classroom furniture purchased.

27. Technology upgradation :

Spectro-photometer with software , Ultra centrifuge, environmental shaker, incubator, Bar code printer, UV visible spectrophotometer.

28. Computer & Internet access & training to teachers & students:

Computer and Internet access and training to teachers and students is available at Computer science Dept. Internet access to teachers & students is available in library also.

29 Financial Aid to students:

Scholarships sanctioned from GOI for all B/C Students and girl students (280 students) worth Rs. 14,22,302 have been disbursed to students.

30. Activity and Support from Alumni association :

One meeting of Alumni Asso. was held. Alumni association organised a program on "Large Hadron Collider" by prof. M. A. Gaikwad, Sewagram. Efforts are being made to get funds from alumni for prizes to meritorious students.

31. Activity and Support from Teachers Parent association :

Teacher Parent Meet was held on 13 Dec. 2008, in which healthy discussion on teaching learning aspects were held.

32 Health services:

Medical check-up of all students done. Health Insurance facility is available for all students. First-aid kits are given to every department.

33. Performance in Sports activities:

Two students (Miss. Laxmi Ghale and Supriya Bongade) selected for National Handball competition at Ranchi.

08 students represented RTM Nagpur Uni. in Inter-University sports and Maharashtra state sports.

Dayal Dhawane awarded gold medal for 'National Sikai Martial art competition' at Bhuvaneshwar.

Mr. Suraj Ghale awarded Bronze medal in state level Taiquando Competition at Panvel.

34. Incentives to outstanding sportspersons:

Kit bags are given to outstanding sportspersons.

35. Students Achievements & Awards:

Ku. Supriya Bongade selected as best player of Wardha district.

36. Activities of Guidance and counseling unit:

Display of Advertisements. Students are counseled for career and competitive examinations. A lecture by Prof. Mahade of Wadia college, Pune, for MPSC , UPSC exam guidance was arranged.

37. Placement services provided to students:

Three students got placement in Inox Air Ltd. , Bhugaon.

A campus interview by Wipro was arranged in college.

38. Development programme for Non-teaching staff:

A computer awareness program for non-teaching staff was arranged.

39. Healthy Practices of the Institution:

- Maintenance of academic diaries by teachers (include teaching plan).
- Review of Academic diaries by HOD and Principal.
- Study tours.
- Teachers' feedback by students. Reviewed by Principal and management.
- Unit tests, and annual test exam for all classes + Half yearly exam for B.Sc. I
- Student Aid-fund.
- Use of A/V aids for teaching.
- Student and staff Participation in social, cultural, curricular and extra-curricular activities.
- Various Committees for these activities.

- Extension activities such as NCC, NSS, CWSS, PEC etc.
- Work culture is inculcated by conducting cleanliness drives, tree plantation etc.
- Dress code for students.

40. Linkages developed with National / International, academic / Research bodies:

Nil.

41. Any other relevant information the institution wishes to add:

- G.K. test for all students is conducted every year.
- Seven approved Ph. D. supervisors.
- Six M.Phil. supervisors. Supervised 16 students of open universities.
- Proposal sent to RTM Nagpur Uni. For college labs to be approved for search (Ph.D.) work.

Part C :

Plans of the institution for the next year (2009-10)

1. Test and Terminal examination for Students.
2. To start B.Sc.III in Maths, Computer Science, Electronics ; Biotechnology, Chemistry, Zoology and Biotechnology, Chemistry, Botany
3. New proposals for MRP will be sent to UGC.
4. To arrange guest lectures in various subjects and some popular lectures.
5. Plan to purchase advanced P-IV computers, printers and legal software.
6. Implementation of microscale techniques in Chemistry laboratory.
7. Beautification of campus.
8. Proper utilization of UGC XI th plan grants for academic development.

**Name & Signature of the
Coordinator, IQAC**

**Name & Signature of the
Chairperson, IQAC**