

Adarsha Science J.B.Arts & Birla Commerce Mahavidyalaya Dhamangaon Rly

The Annual Quality Assurance Report (AQAR) of the IQAC - 2004-05

Part A: 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 (2004-05)	
A) Increase infrastructure facilities and services	
I) Construction of additional class rooms	Proposal to construct three classrooms is submitted to UGC, which is approved in principal. The construction work will start immediately after receiving first installment of the grant
ii) Renovation of Girls common room	Providing independent common room with toilets for ladies staff by the parent body is withheld and may resume along wit the above building work.
iii) Computerization of administrative work	In order to effect the computerization of administrative work three latest computers with one server, MIS software, an UPS inverter with 3 hours backup was purchased during the year. The work is being partially computerized from the session 2005-2006 in the first phase.
iv) Computerization of library services	Two separate computers are provided to the library. The library software is already installed. However, total computerization may be achieved only after the data feeding is over (i.e. during 2005-06).
B) Academic /Co-curricular activities	
I) Starting new course	As per the statutory provisions, we have applied for following courses viz: M.Sc. Computer Science, M.A. English Lit. And English lit as a subject at UG level. The proposal with recommendations from university is pending with Govt. authorities for final disposal
ii) Organize workshops/seminars for students/staff	* One-Day seminar on "Water Management" was conducted on 16/01/2005. An University level elocution competition for college students was also arranged on the occasion. * A workshop on "Non Conventional Energy Sources" was organized on 28/01/2005 in collaboration with Amravati University. * A 10 Day workshop on "Communication in Sanskrit" was organized from from 30/09/2004 to 09/10/2004 in collaboration with Rashtriya Sanskrt Prathishthan, New Delhi.

<p>iii) Help prepare the students for national/state/university level competitions</p>	<p>(1) Miss Dhore & Miss Taori won 1st & 3rd prizes respectively in All India Essay Contest in Nuclear Science and technology conducted by Dept. of Atomic Energy (DAE) Govt. of India</p> <p>(2) A group of UG students completed a mini research project & were invited to present their paper at Annual meet of Marathi Vidnyan Parishad, Mumbai.</p> <p>(3) A group of UG students presented paper at 'International Conference in Botany' held at Amravati University during 17 to 20 Feb. 2005.</p> <p>(4) Miss Bhankhede participated in University level seminar competition on 'Spectroscope' at pusad.</p> <p>(5) Miss Mokati participated in University level seminar competition on 'Cytogenesis' at Buldana.</p>
<p>C) Technological Up gradation</p>	<p>Department of Physics, Electronics & Microbiology were equipped with computers, printers and some of the educational software's.</p>
<p>D) Library Services</p>	<p>New books added to the general library during current year, about 600 (total 32500) No. of Periodicals/Journals subscribed -38</p>
<p>E) Health Services</p>	<p>(1). 12 station multi Gym with other fitness gears are provided in the Health Club of the college. The access is open to all.</p> <p>(2) General health checkup of all the students' was done by a team of qualified doctors.</p> <p>(3) A list of volunteer donors (with their blood groups) is maintained. Blood donation camp was organized successively for 11th year on 12th Jan 2005 wherein 62 students and 8-staff members donated blood.</p> <p>(4) A programme on" stress management through Yoga' for staff members was arranged on 06-09-2004 with the help of Health Forum, Nagpur.</p> <p>(5) "Kali Umaltana"(adolescence problem of girls) - an audiovisual show was organized for girls with the help of NGO from Amravati.</p>

Part B:

1. Activities reflecting the goals and objectives of the institute

Pursuant to the goals & objectives of the institution, the following activities were organized during the session 2004-05

(1) Intensive efforts were made to improve attendance of the students in the class, extra classes were taken by the teachers to bring academically weak students on par with other students. Based on these measures, resultant improvement in the result is expected this year.

(2) Blood donation camp was organized on 12/01/2005 wherein 62 students and 08 staff members including the Principal of the college donated the blood.

(3) Workshop on 'Non-Conventional Energy Sources' was organized on 28/01/2005 in collaboration with Amravati University.

(4) One day seminar on 'Water awareness -Watershed Management' was organized on 16/01/2005. An university level inter collegiate competition was organized on this occasion.

(5) Organized a 'self Government Programme' in the college on 'Teacher's Day' . i.e. 05/09/2004

(6) The students of science faculty were encouraged to undertake mini research projects in Botany and based on these projects, three students of the college participated & presented papers in ' Marathi Vidnyan Parishad' held at Mumbai.

(7) Participation & presentation of papers by the following students of B.Sc. II in ' International Conference in Botany' organized under the aegis of Amravati University, Amravati during 17th to 20th Feb. 2005. (Miss Priya Bissa, Miss Manisha Bawaskar, Miss Priyanka Bhoge.)

(8) Participation of students in National, State and University level Essay Competitions.

(9) Active participation of students in debate competitions.

2. New academic programmes initiated (UG and PG)

The college has applied to the University for starting the following new courses and subjects from next academic session.

PG Programmes: 1. M.Sc. in Computer Science 2. M.A. In English Lit.

UG Programmes: 1. Introduction of English literature at B.A.

3. Innovation in curricular design and transaction	<p>1) The college being affiliated to Amravati University is required to adhere to the courses framed by the University. However, in order to keep pace with the modern & innovative courses coming up, the college has its own designed a Post Graduate courses in ‘ Environmental Biology’ in the science stream and has submitted to the university Grants Commission under the revised guidelines of Xth plan period for approval.</p> <p>2) Our faculty members have participated in curriculum designing committees of University in Botany, Physics, Computer Science, and Electronics.</p>
4. Inter-disciplinary programmes started	No course could be started. However, the college has applied for ‘M.Sc. Environmental Biology’ course.
5. Examination reforms implemented	The examination body being the University itself, the affiliated college is expected to adopt the examination methods devised by the university.
6. Candidates qualified: NET/SLET/GATE etc.	The college students have acquired the above qualifications. However no specific data is available with the college.
7. Initiative towards faculty development programme	Our faculty members, Viz. Shri V.A.Kamble, dept. of Microbiology & Shri Y.B.Gandole Dept. of Electronics are deputed under FDP of the UGC for prosecuting studies leading to Ph.D. Degree.
8. Total number of seminars/workshops conducted	<p>3 (Three)</p> <p>1. Seminar on “Water Management’ was conducted on 16/01/2005.</p> <p>2. A 10 days workshop on ‘Communication in Sanskrit’ was organized from 30/09/2004 to 09/10/2004.</p> <p>3. A workshop on ‘ Non Conventional Energy Sources’ was organized on 28/01/2005.</p>
9. Research projects	
a) Newly Implemented	One mini-research project sponsored by ‘Marathi Vidnyan Parishad’ , Mumbai was undertaken and completed.
b) Completed	As above
10. Patents generated, if any	Nil
11. New collaborative research programmes	Nil
12. Research grants received from various agencies	Nil

13. Details of research scholars	(1) Three are working under Dr. A.W.Subhedar, Reader in Botany (2) Three are working under Dr. Mrs. J.P.Naik., Reader in Sanskrit
14. Citation index of faculty members and impact factor	---
15. Honors/Awards to the faculty	1) Govt. of Maharashtra's "State Award for Teachers" was awarded to Dr. Mrs. J.P.Naik, reader in Sanskrit on Teacher's Day 2004. 2) Dr. P.S. Koranne, reader in Maths., was given away the parent Society's 'Excellence Award' on 1 st December 2004. 3) Shri A.Y. Kharabe, Lecture & HOD of Physics, Shri A.V.Bhagwat, Lecturer in Chemistry, Shri Y.B.Gandole, Lecture and HOD of Electronics were selected by the Department of Atomic Energy to participate in the "National level Quiz Contest" for University & College teachers and were honored with prizes.
16. Internal resource generated	Some resources were generated through: * Health Club in the form of membership fees. * Running of MS-CIT course in the form of college share. * Reprographic services.
17. Details of departments getting SAP,COSIST (ASSIST)/DST,FIST etc.	Not applicable
18. Community services	1) Organizing regularly on yearly basis since 1994 'Blood Donation Camp" 2) Organizing regularly 'Blood Group detection' camps for students, teachers and public. 3) Many useful and meaningful things have been done (anti dowry drive, anti liquor consumption drive, family planning, AIDS awareness programme, Adult education, rain harvesting) through NSS activity of the college. 4) NCC cadets volunteered their services in Govt. of India's Pulse Polio Abhiyan, Blood donation camps, Eye camps organized by other social associations in the town. They worked as 'Police Mitra' for maintaining Law & order in festival days.
19. Teachers and officers newly recruited	Three lecturers (Commerce-1, Zoology-2) were recruited.
20. Teaching-Non-teaching staff ratio	1: 0.71

21. Improvements in the library services	1) Computerization work initiated. 2) Reprographic facility made available to staff and students.
22. New books / journals subscribed and their value	1) New Books procured: No. Of books: 300 Value: Rs. 64755.75 2) New Journals subscribed: No. Of Journals: 06 Value: Rs. 2200.00
23. Courses in which student assessment of teachers is introduced and the action taken on student feedback	Nil
24. Unit cost of education	Rs. 9540.00
25. Computerization of administration and the process of admission and examination results, issue of certificate	Procurement of Computers and necessary software, allied technical work and necessary training to staff has been done as regards computerization of administration. The actual working shall be started in the ensuing session.
26. Increase in Infrastructural facilities	The college proposal for construction of three more classrooms has been accepted, in principle, by the University Grants Commission in the Xth five year plan period developmental scheme. This work shall be started immediately after receipt of final sanction.
27. Technology upgradation	Department of Physics, Electronics & Microbiology have been equipped with modern facilities such as computers and educational software. More departments are being equipped.
28. Computer and Internet access and training to teachers and students	Arrangement for training to staff and students was made. Only interested have taken benefit of the same. Computers and internet access is made available, on reasonable fee, through the Computer center of the college, to anybody associated with the college.
29. Financial aid to students	Financial aid for remitting examination fee is given to the selected poor and needy students. The staff of the college contributes to extend helping hand to the poor students, for medical treatment, admissions, purchase of books etc. as and when the situation arises.
30. Activities and support from the Alumni Association	No notable activity was done during report period.
31. Activities and support from the Parent-Teacher Association	No notable activity was done during report period.

32. Health services	<p>1) 12 station ultra modern GYM is provided through the college Health Center for all interested. Vibrator and other useful equipments have been provided for health building exercises.</p> <p>2) Annual health check up of all the students is done by qualified doctors.</p> <p>3) Lectures, practical and video shows are arranged regularly to bring awareness among the students about sound health.</p> <p>4) ‘Kali Umaltana’ (on the threshold of adolescence) – an audio-visual presentation was organized exclusively for girls on 25/09/2004.</p> <p>5) A Lecture was organized on 06/09/2004 on ‘Yoga’ & stress management for staff & students</p>
33. Performance in sports activities	<p>1) Following students were honored by the University with ‘University Color’ for their outstanding performance in the respective games. They were included in the University teams to represent the University in inter university tournaments.</p> <p style="padding-left: 40px;">Mr. Ankush Thakare – B.A. III- Hand Ball.</p> <p style="padding-left: 40px;">Miss Trupti Bhankhede – B.Sc. III – Volley Ball</p> <p style="padding-left: 40px;">Miss Arti Taori – B.Sc.III- Basket Ball</p> <p style="padding-left: 40px;">Mr. Brijesh Sharma – B.Com II – Volley Ball</p> <p>2) Below mentioned two students were selected on the basis of their distinguished performance to represent the Amravati University in the “Asvamedh’ – Govt. of Maharashtra’s inter University sports meet held at Swami Ramanand Trith University, Nanded.</p> <p style="padding-left: 40px;">Miss Arti taori – B.Sc. III – basket Ball</p> <p style="padding-left: 40px;">Miss Trupti Bhankhede – B.Sc. III – Volley Ball</p> <p>3) College women Basket Ball team was the finalists in the Amravati University inter collegiate tournaments.</p> <p>4) Our college successfully organized Amravati University intercollegiate Volley Ball zone.</p>
34. Incentives to outstanding sports persons	<p>1) Incentive marks are given as per University rules.</p> <p>2) With a view to congratulate the outstanding sportsmen as also to inspire all other students: (i) They are publicly felicitated during college annual function and awarded prizes. (ii) Their achievements are given publicity in the college magazine as well as in regional newspapers.</p>

35. Student achievements and awards	<p>Academic achievements:</p> <p>1) Miss Soniya Bopche, a student of this college not only stood First in order of merit in B.Sc. Examination 2004 of the Amravati University but also TOPPED the University in all UG examinations (of all faculties). She was awarded, by the University, two Gold and two silver medals at convocation ceremony held in February 2005 for her spectacular achievement.</p> <p>2) Miss Chanda Parate, a student of this college stood 8th in order of Merit in M.A. Economics examination 2004 of the Amravati University.</p> <p>3) Miss Vaishali Raut, a student of this college stood 10th in order of Merit in M.A. Economics examination 2004 of the Amravati University.</p> <p>Co-Curricular Activities:</p> <p>1) Miss Harsha Dhore & Miss Arti Taori participated in All India Essay Contest in Nuclear Science and Technology conducted by Dept. of Atomic Energy (DAE) of Govt. of India and secured 1st and 3rd prizes respectively. Both the students were honored by Dr. Anil Kakodkar, Chairman, DAE on 29/10/2004 at BARC, Mumbai.</p> <p>2) Our UG students of Science faculty completed a mini research project and presented their paper at annual meet of Marathi Vidnyan Parishad, Mumbai.</p> <p>3) Our students participated and read their paper at the International Conference in Botany held at Amravati in February 2005.</p> <p>4) Miss Trupti Bhankhede, B.Sc. III, participated in Intercollegiate seminar on ‘Spectroscopy’ at Pusad.</p> <p>5) Miss Dipti Mokati participated in Intercollegiate Seminar on ‘Cytogenesis’ at Buldana.</p> <p>6) Ku. Ankita Kharabe, a student of B.Sc. III won Third prize in the Essay competition organized by the Social Welfare Department of Govt. of Maharashtra.</p>
36. Activities of the Guidance and Counseling unit	<p>With the view to prepare students to face the recruitment process after their graduation, a mock competition is held every year wherein the students have to apply for the post, then to clear the written examination and finally to face personal interview. Best three students are awarded prizes in annual function.</p>
37. Placement services provided to students	<p>Nil</p>

38. Development programmes for non-teaching staff	Nil
39. Healthy practices of the institution	<p>1) Facilities of credit Co-Op Society and Co-Op store are available to the staff.</p> <p>2) Sports facilities and Health Center facilities are available.</p> <p>3) The relations of the staff, administration, management and students are very cordial. All these sections always work untidily and rise to the occasion wherever the situation demands for development and /or betterment of the college.</p> <p>4) Micro Teaching workshop for teachers is a regular feature wherein every teacher on a given day has to deliver a classroom lecturer before all the teaching staff members of the college. Then his plus or minus points are discussed. This is done to see that quality of education imparted in this institution improves.</p>
40. Linkages developed with National/International, academic/Research bodies.	Nil
41 Any other relevant information the institution wishes to add	----

Part C
Detail the plans of the institution for the next year 2005-06
A) Increase infrastructure facilities and services
<ul style="list-style-type: none"> i) Construction of additional classrooms. ii) Renovation of Girls common room iii) Providing independent common room with toilets for ladies staff. iv) Installation of fire-fighting kit at Library/Administrative building. v) Purchase gensets /inverters for various laboratories in phased manner. vi) Initiate campus beautification in phased manner.
B) Academic /Co-curricular activities
<ul style="list-style-type: none"> i) Starting new vocational /short term courses. ii) Organize workshops / seminars for students / staff at University/ State level. iii) Help prepare the students for national/state/University level competitions. iv) Planning for improvement of results (qualitative/quantitative – both) and try to reduce the dropout rate. v) Provide remedial coaching to academically weaker students.
C) Technological Upgradation
<ul style="list-style-type: none"> i) Total computerization of the administrative /account departments. ii) Equip the laboratories with computers and IT services. iii) Make available 'Broadband connectivity' to staff / students iv) Arrange free computer coaching to needy students/training to staff.
D) Library Services
<ul style="list-style-type: none"> i) Strengthen the general Library and Book bank through new purchase. ii) Explore the possibility of 'Open Access system' to students. iii) Subscribe to additional magazines /books/journals for competitive examinations.
E) Health services
<ul style="list-style-type: none"> i) Arrange health awareness /yoga/meditation camps for staff. ii) Arrange for general health checkup for staff. iii) Arrange blood group testing/blood donation camps.
F) Community services
<ul style="list-style-type: none"> i) Maintain /provide list of blood donors. ii) Provide consultancy services for soil testing, recycling of bio-waste etc. iii) Creates awareness in the society against dowry system, liquor consumption, AIDS virus, rain water harvesting through street shows, lecturers slide shows etc.