

The Annual Quality Assurance Report (AQAR) of the IQAC - 2010-11

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Dhamangaon Rly -444709 (Maharashtra-India)**

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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 (2010-11)

A) Increase infrastructure facilities and services

i) Construction of Auditorium and separate administrative building.	The college proposal for construction of Auditorium, administrative block building, construction of common room and toilet bldg, Construction of computer centre bldg, has been accepted, in principle, by the University Grants Commission in the XIth five year plan period developmental scheme. This work shall be started immediately after receipt of final sanction.
ii) Installation of fire-fighting kit at Library/Administrative building.	Being installed.

B) Academic /Co-curricular activities

I) Starting new UG, PG, Ph.D programmes	<ul style="list-style-type: none"> • Ph.D. in Electronics has been started from 2010-11 session.
ii) Organize workshops /seminars for students/staff	<ul style="list-style-type: none"> • UGC sponsored one day seminar on “Human Rights Education” is sanctioned.
iii) Help prepare the students for national/state/university level competitions.	<ul style="list-style-type: none"> • The Department of atomic energy, Government of India has been organizing an all India essay contest in nuclear science and Technology for under graduate students of Indian Universities since last 22 years. Our college students have been participating in this contest regularly. Most of times, they have won the prizes and brought laurels to the institutions. In session 2010-11 three students, Miss Prachi Pawar (B.Sc.III), Miss Chanchal Rathi (B.Sc.III) and Miss Shikha Dube (B.Sc. III) submitted their essays to DAE.

iv) Result Improvement / Drop-out rate.	<ul style="list-style-type: none"> • Unit tests were conducted on each topic periodically. • Use of ICT in teaching /learning process with computer –aided methods. • To increase attendance in the class, the students were made aware by addressing each class separately.
v) Provide remedial coaching to academically weaker students	<ul style="list-style-type: none"> • A remedial coaching committee has started functioning in the college from this academic year.
vi) Accelerating Research activity.	<ul style="list-style-type: none"> • One faculty member was relieved for completion of their Ph.D. work, under FDP of the UGC. • 14 faculty members are perusing Ph.D. work. • 05 teachers (Dr.Y.B.Gandole- Dept. of Electronics, Dr.S.O.Qureshi-Zoology, S.T.Pendam-Botany, Dr.V.A.Kamble-Microbiology, A.G.Naranje-.Commerce) submitted proposal of Minor research projects to UGC, new Delhi. • Dr. Y.B.Gandole (Department of Electronics): Recognized Research Guide. • 17 and 18 research papers published in international and national journals respectively. • Three well equipped research laboratories.
C) Technological Up gradation	
i) Enrich the ICT facilities.	<ul style="list-style-type: none"> • All science laboratories were equipped with LCD projector, Computers, printers, Scanner and educational software's.
ii) Arrange free computer coaching to needy students/training to staff	<ul style="list-style-type: none"> • The faculty is already available at the Computer Center. The coaching is done as per the needs.
iii) To develop e-learning course materials	<ul style="list-style-type: none"> • e-learning course materials are developed by department of Electronics, Computer Science and Commerce.
D) Library Services	
i) Strengthen the general Library and Book bank through new purchase.	<ul style="list-style-type: none"> • New books are added to the general library during current year, about 578 (total 34524) No. of Periodicals/Journals subscribed –26
ii) Explore the possibility of 'Open Access system' to students.	<ul style="list-style-type: none"> • OPAC system and partial open access is activated.
E) Health Services	
i) Arrange health awareness / yoga / meditation camps for staff / students.	<ul style="list-style-type: none"> • A 12-station multi-Gym with other fitness gears are provided in the Health Club of the college. The access is open to all.

ii) Arrange for general health checkup for staff / students.	<ul style="list-style-type: none"> • A team of qualified doctors in the college premises did general health checkup of all the students.
iii) Arrange blood group testing / blood donation camps.	<ul style="list-style-type: none"> • Blood donation camp was organized successively for 15th year on 12th Jan. 2011 wherein 84 donors donated blood.
F) Community Services	
i) Maintain /provide list of blood donors.	<ul style="list-style-type: none"> • A list of volunteer donors (with their blood groups) is maintained.
ii) Creates awareness in the society against dowry system, liquor consumption, AIDS virus, rain water harvesting through street shows, lecturers slide shows etc.	<ul style="list-style-type: none"> • Through a 10-day special service camp by NSS volunteers at village Aasegaon during 11/12/2010 to 18/12/2010, various service projects were completed, which included: Personality development and communication Skill, AIDs awareness, Hazards of Drug addiction, Environment protection, Rural movement, Health & Hygiene, Women rights etc.
Part B:	
1. Activities reflecting the goals and objectives of the institution.	<p>Pursuant to the goals & objectives of the institution, the following activities were organized during the session 2010-11</p> <ol style="list-style-type: none"> 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 at par with others. 2. Career and counseling cell is established on 15th Dec. 2010. Workshop on Self employment and employment opportunity and Job Fair for Rural Area Students was organized on 25/12/2010 and 15/01/2011 respectively. 75 students were selected for Ever Electronics Pune, Rivolta Pune and Finolox cable Pune. 3. Blood donation camp was organized on 12/01/2011 wherein 84 bottles of blood were collected. This was a successive 15th year of blood donation camp, being organized. 4. Organized 'Self Government' programme in the college on 'Teacher's day'. 5. Two students participated in All India Essay Contest in Nuclear Science and technology conducted by Dept. of Atomic Energy (DAE) Govt. of India. All India-consolation Prize was conferred on our student.

	<p>6. 5 students of B.Sc. III were participated in mathematics seminar organized by Bhartiya Mahavidyalaya, Amravati. Two students participated in elocution competition held at Nandgaon peth on 8th Jan. 2011.</p> <p>7. General health checkup of all the students' was done by a team of qualified doctors.</p> <p>8. A 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>9. Environment club is established on 29th Sept. 2010. Essay and poster competition was organized.</p> <p>10. Organized inter collegiate essay competition on "Commonwealth Game –".</p>
2. New academic programmes initiated (UG and PG)	<ul style="list-style-type: none"> • Ph.D. in Electronics has been started from 2010-11 sessions.
3. Innovation in curricular design and transaction	<ul style="list-style-type: none"> • Our faculty members have participated in curriculum designing committees of the University in various subjects.
4. Inter-disciplinary programmes started	-----
5. Examination reforms implemented	<ul style="list-style-type: none"> • Examination reforms in the form of continues evaluation initiated by the university are being properly implemented. • The examination system designed by the university is well implemented by the college.
6. Candidates qualified: NET/SLET/GATE etc.	<ul style="list-style-type: none"> • Being an UG college students are not eligible to appear at NET/SET
7. Initiative towards faculty development programme	<ul style="list-style-type: none"> • One faculty member was relieved for completion of their Ph.D. work, under FDP of the UGC . Also fourteen other faculty members have registered for Ph.D. • Dr. A.V. Chinchamaltpure (Physical Education dept.) has been awarded Ph.D. in 2010-11 session.
8. Total number of seminars/workshops conducted	-----
9. Research projects	
a) Newly Implemented	<ul style="list-style-type: none"> • 05 teachers (Dr.Y.B.Gandole- Dept. of Electronics, Dr.S.O.Qureshi-Zoology, S.T.Pendam-Botany, Dr.V.A.Kamble-Microbiology,

	A.G.Naranje-.Commerce) submitted proposal of Minor research projects to UGC, new Delhi.
b) Completed	---
10. Patents generated, if any	---
11. New collaborative research programmes	----
12. Research grants received from various agencies	----
13. Details of research scholars	Three scholars are working under Dr. Mrs. J.P.Naik (Sanskrit).and One scholar is working under Dr. V.A.Kamble(Microbiology).
14. Citation index of faculty members and impact factor	----
15. Honors/Awards to the faculty	----
16. Internal resource generated	<p>Some resources were generated through:</p> <ul style="list-style-type: none"> • Health Club in the form of membership fees : Rs. 10,000/- • Reprographic services : Rs. 50,000/- • Non- grant courses in the form of course fee : Rs. 1,91,416/-
17. Details of departments getting SAP,COSIST (ASSIST)/DST,FIST etc.	<ul style="list-style-type: none"> • -----
18. Community services	<ul style="list-style-type: none"> • Organized ‘ Blood Donation Camp’ on 12/01/2011 • Personality development and communication Skill, AIDs awareness, Hazards of Drug addiction, Environment protection, Rural movement, Health & Hygiene, Women rights etc. were the various activities undertaken by the NSS/College students. • NCC students volunteered their services in Govt. programmes such as Pulse polio, local Ramdeobaba Jatra etc.
19. Teachers and officers newly recruited	<ul style="list-style-type: none"> • Nil
20. Teaching-Non-teaching staff ratio	<ul style="list-style-type: none"> • 27:24 (1:0.89)
21. Improvements in the library services	<ul style="list-style-type: none"> • Reprographic service, Internet facility, Barcode system, OPAC system.

22. New books / journals subscribed and their value	<ul style="list-style-type: none"> • 1) New Books : 578 Value : Rs. 1,08,911/- (approx) • 2) New Journals : NIL
23. Courses in which student assessment of teachers is introduced and the action taken on student feedback	<ul style="list-style-type: none"> • Mechanisms to obtain feedback from students for all the Courses (B.Sc. B.A and B.Com) are implemented.
24. Unit cost of education	<ul style="list-style-type: none"> • Rs. 39979/-
25. Computerization of administration and the process of admission and examination results, issue of certificate	<ul style="list-style-type: none"> • The accounts & administrative work is already computerized. A MIS package has been purchased for the purpose. • The process of admission, examination results of Jr. College and issue of certificates is computerized.
26. Increase in Infrastructural facilities	<ul style="list-style-type: none"> •
27. Technology up gradation	<ul style="list-style-type: none"> • Eight LCD projector, 28 Computers, 9-Printers, 8-Scanners are purchased and is made available to all the science Department for the use as a teaching aid.
28. Computer and Internet access and training to teachers and students	<ul style="list-style-type: none"> • The facility is made available by the Computer department of the college. Training classes are conducted as per the requirement. The internet facility is made available by paying nominal charges. A broadband connectivity is provided
29. Financial aid to students	<ul style="list-style-type: none"> • In addition to the financial assistance to the students from Govt. agencies, many private agencies and charity trusts were contacted. The assistance is being offered every year on merit and also occasionally it is being given to the needy students from the funds collected from staff members.
30. Activities and support from the Alumni Association	<ul style="list-style-type: none"> • Alumni Association general body meeting was convened on
31. Activities and support from the Parent-Teacher Association	<ul style="list-style-type: none"> • -----
32. Health services	<ul style="list-style-type: none"> • A 12-station multi gym is provided. Vibrator, Massager, Cycle etc. additional health equipments are also made available. It is open for college staff, students. • Annual health check up is done for of all the students by qualified doctors. • A list of volunteer donors (with their blood groups) is maintained.

33. Performance in sports activities	<ul style="list-style-type: none"> • College teams participated in following various University tournaments. Handball (men & women), Basketball (women), Volleyball (Men), Table tennis (men), Table tennis (women), Athletics (men and women) Body Building (M), Weight Lifting (M). • Mr. Rushikesh Jagtap, student of B.C.A.II represented and captained the S.G.B .Amravati University Volleyball (M) team in Inter University tournaments and also in Inter University “Ashwmedth” tournaments. • Mr. Parag Raut, student of M.C.A. I, was selected as first Stand by players in SGB Amravati University Handball (M) team. • Miss Puja Ghadge and Miss Bhagyashri Thakur , students of B.Sc.I represented state level Handball tournament held at Aurangabad. • Miss Hardika Khakole student of B.Sc.II, represented state level Rocket lawn tournament held at Akola and selected for national level. • The college staff team participated in Volleyball tournament organized by Mahatma Fule Mahavidyalaya, Warud, and the team was final winner.
34. Incentives to outstanding sports persons	<ul style="list-style-type: none"> • Incentive marks are given as per University rules. • They are publicly felicitated during college annual function and awarded special prizes. • Their achievements are given publicity in the college magazine as well as in local newspapers.
35. Student achievements and awards	<ul style="list-style-type: none"> • Miss P. G. Pawar and Miss C.M.Rathi were awarded a consolation prize of Rs. 2000/ each at All India Essay Contest in Nuclear Science and Technology organized by Dept. of Atomic Energy (DAE) of Govt. of India.
36. Activities of the Guidance and Counseling unit	<ul style="list-style-type: none"> • Mock Interview Competition is our unique activity for the last many years. This year also it was conducted by ‘Student Employment and College Guidance Bureau ‘ during December 2010. • One day workshop on “Self employment and employment

	<p>opportunity” was organized by career and counseling Cell.</p>
37. Placement services provided to students	<ul style="list-style-type: none"> • Job Fair for Rural Area Students was organized on 15/01/2011 . Out of 180 students 75 students were selected for Ever Electronics Pune, Rivolta Pune and Finolex cable Pune.
38. Development programmes for non-teaching staff	<ul style="list-style-type: none"> • “e-suvidha” training is provided to non-teaching staff.
39. Healthy practices of the institution	<ul style="list-style-type: none"> • Credit Co-Operative Society and Co-Op. store facilities are available for the staff members. • Sports facilities and Health Center facilities are available. • Academic excursions organized by some departments. • Science departments /Laboratories are well equaled with ICT facilities. • ICT and IT enabled services. • Broad band/ VPN/ Wireless USB Internet facility. • Student feedback Mechanism. • Research Culture Promotion committee. • “Damini” Club for women • Mock interview Competition. • PMT, MH-CET coaching classes. • Guidance to student for national level essay competitions
40. Linkages developed with National/International, academic/Research bodies.	<ul style="list-style-type: none"> • -----
41 Any other relevant information of the institution wishes to add	<ul style="list-style-type: none"> • ----

Part C**Detail the plans of the institution for the next year 2011-12****A) Increase infrastructure facilities and services**

- i) Construction of Computer center, Auditorium and separate administrative building.
- ii) Construction of play field basketball court and indoor sports facilities.
- iii) Construction of Girls common Room with toilets.

B) Academic /Co-curricular activities

- i) Organize workshops / seminars for students / staff at University/ State level.
- ii) Help prepare the students for national/state/University level competitions.
- iii) Planning for improvement of results (qualitative/quantitative – both) and try to reduce the dropout rate.
- iv) Provide remedial coaching to academically weaker students.
- v) Accelerating Research activity.

C) Technological Upgradation

- i) Enrich the ICT facilities.
- ii) Setting up English language Laboratory
- iii) Arrange free computer coaching to needy students/training to staff.
- iv) Development of e-suvidha facility.
- v) Enrich the science laboratory equipments.

D) Library Services

- 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

- i) Arrange health awareness / yoga / meditation camps for staff / students.
- ii) Arrange for general health checkup for staff / students.
- iii) Arrange blood group testing / blood donation camps.

F) Community services

- i) Maintain /provide list of blood donors.
- ii) Creates awareness in the society against dowry system, liquor consumption, AIDS virus, rain water harvesting through street shows, lecturers slide shows etc.