

The Annual Quality Assurance Report (AQAR) of the IQAC - 2011-12

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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 (2011-12)

A) Increase infrastructure facilities and services

<p>i) Construction of Computer center, Auditorium and separate administrative building.</p> <p>ii) Construction of play field basketball court and indoor sports facilities,</p> <p>iii) Construction of Girls common Room</p>	<ul style="list-style-type: none"> • The construction work has already started and is likely to be completed within few months.
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B) Academic /Co-curricular activities

<p>i) Organize workshops /seminars for students/staff</p>	<ul style="list-style-type: none"> • UGC sponsored one day state level seminar on “Human Rights Education” is organized on 11th Dec.2011. • Regional level one day workshop on “Disaster management” on 28/02/2012. • College level one day workshop on “Right to Information”, on 11/10/2011. • College level one day workshop on “Lokpal Bill”, on 26/08/2011. • College level two days poster exhibition on “Inventions of Sanskrit Scientist “on 16-17 Jan. 2012.
<p>ii) Help prepare the students for national/state/university level competitions.</p>	<ul style="list-style-type: none"> • Students participated in regional level elocution competition, state level drawing competition, university level seminar competitions.

iv) Result Improvement / Drop-out rate.	<ul style="list-style-type: none"> • Unit tests were conducted on each topic periodically. • Seminars, group discussions were conducted for science and commerce students. • 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"> • As per need a remedial coaching is provided to academically weaker students.
vi) Accelerating Research activity.	<ul style="list-style-type: none"> • College has started and published an Interdisciplinary bi-annual Multilingual Research Journal “AJRE”- ISSN:2277-3983, Vol.1 No.1 Jan. 2012 to stimulated young researchers to undertake original and innovative research work. • 14 faculty members are perusing Ph.D. work. • 04 minor Research projects are sanctioned by UGC new Delhi. (Dr.Y.B.Gandole- Dept. of Electronics, Dr.S.O.Qureshi-Zoology, S.T.Pendam-Botany, S.G.Onkar –Physics). • 15 and 10 research papers published in international and national journals respectively. • Faculty members participated and presented the research papers in State, National and international level conferences/ Seminars/workshop etc. • Three well equipped research laboratories recognized by S.G.B. Amravati University, Amravati. • 10 research scholars are working in our institute.
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) Setting up English language Laboratory	<ul style="list-style-type: none"> • English language Laboratory is well equipped with all necessary gadgets and software.
ii) Arrange free computer coaching to needy students/training to staff	<ul style="list-style-type: none"> • The faculty is 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 all Science

	departments and Commerce department.
iv) Development of e-suvidha facility	<ul style="list-style-type: none"> e- suvidha facility is activated.
v) Enrich the science laboratory equipments.	<ul style="list-style-type: none"> All Science departments purchased the scientific equipments under the additional assistance grants received from UGC New Delhi.
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 325 (total 34849) 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 is provided in the Health center 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 16th year on 12th Jan. 2012 wherein 125 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 Hingangaon (Kasarkhed) during 23/12/2011 to 30/12/2011, 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. Collection of waste flowers/garlands during Ganesh festival and Durga Puja festival and subsequent production of composed manure.

Part B:	Pursuant to the goals & objectives of the institution, the following activities were organized during the session 2011-12
<p>1. Activities reflecting the goals and objectives of the institution.</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. Organized State level seminar on “Human Rights Education “ on 11th Dec. 2011, Regional level one day workshop on “Disaster management” on 28/02/2012 ,College level one day workshop on “Right to Information”, on 11/10/2011, College level one day workshop on “Lokpal Bill”, on 26/08/2011 and College level two days poster exhibition on “Inventions of Sanskrit Scientist “ on 16-17 Jan. 2012. 3. Organized guest lecture on “Preparation of UPSC, MPSC competitive examination” by Career and Counseling cell on 17/01/2012. 4. Organized guest lecture on “Vaidik Mathematics”, organized by Depts. of Mathematics and Sanskrit jointly on 09/09/2011. 5. Blood donation camp was organized on 12/01/2012 wherein 125 bottles of blood were collected. This was a successive 16th year of blood donation camp, being organized. 6. Organized ‘Self Government’ programme in the college on ‘Teacher’s day’. 7. Students participated in University level mathematics seminar organized by S.G.B. Amravati University, Botany seminar held at Pusad and Karanja lad and Chemistry Seminar organized by M.F. Mahavidyalaya, Warud. 8. Three students (Mr. Mukesh Kadu – B.Com. III, Miss Sayali Deshmukh XIth Science and Miss. Radhika Thaknaik- XIth Science) participated in elocution competition organized by Panchayat samiti, Dhamangaon Rly and won the second and third prize of Rs. 3000 and Rs. 2000 respectively. 9. Miss Priya Thakre, student of B.Sc, I won the first prize of state level drawing competition. 10. General health checkup of all the students’ was done by a team of qualified doctors. 11. A 12-station multi Gym with other fitness gears are provided in the Health Club of the college. The access is open to all.

	12. Organized intercollegiate cricket (Men) Zone-C tournaments on 29/09/2011 to 16/10/2011.
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"> • An examination reform in the form of continues evaluations 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"> • Faculty members attended refresher/ orientation courses. • Faculty members participated and presented the research papers in State, National and international level conferences/ Seminars/workshop etc.
8. Total number of seminars/workshops conducted	<ul style="list-style-type: none"> • Four :(1- state level, 1-regional level and 2-college level).
9. Research projects	
a) Newly Implemented	<ul style="list-style-type: none"> • 04 minor Research projects are sanctioned by UGC New Delhi. (Dr.Y.B.Gandole- Dept. of Electronics, Dr.S.O.Qureshi- Zoology, S.T.Pendam-Botany, S.G.Onkar –Physics).
b) Completed	---
10. Patents generated, if any	---
11. New collaborative research programmes	----
12. Research grants received from various agencies	----
13. Details of research scholars	<ul style="list-style-type: none"> • Three scholars are working under Dr. Mrs. J.P.Naik (Sanskrit). Two scholars are working under Dr. V.A.Kamble (Microbiology) and Five scholars are working under Dr. Y.B.Gandole (Electronics).
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. 2,49,797/-
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 12/01/2012 • 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. • Collection of waste flowers/garlands during Ganesh festival and Durga Puja festival and subsequent production of composed manure. • 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 : 325 Value : Rs. 1,38,050/- (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. 47987/-
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.

	<ul style="list-style-type: none"> • The process of admission, examination results of Jr. College and issue of certificates is computerized. • “e-suvidha” facility is available.
26. Increase in Infrastructural facilities	<ul style="list-style-type: none"> • Construction of Computer laboratory, Girls common Room, Administrative Block, Auditorium, Indoor sports facilities, and Play field basket ball court is undergoing.
27. Technology up gradation	<ul style="list-style-type: none"> • 08 LCD projectors, 28 Computers, 9-Printers, 8-Scanners are purchased and are made available to various Departments for the use as a teaching aid. • English language Laboratory is setup. • All science laboratories are well equipped with scientific research instruments. • Developed Virtual Instrumentation in electronics laboratory.
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"> • -----
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 (Men & Women), cricket (Men) , Weight Lifting (Men). • Mr. Rushikesh Jagtap, student of B.C.A.III represented and captained the S.G.B .Amravati University Volleyball (M) team in Inter University tournaments and also in Inter University “Ashwmedth” tournaments. • Mr. Nitin Jadhao student of B.Com.II was selected for 10 days Trekking camp held at Chikhaldara. • Miss Hardika Khakole student of B.Sc.III, represented and captained state level Rocket lawn tournament held at Bangalore. • Miss Hardika Khakole student of B.Sc.III represented the S.G.B. Amravati University Cricket (Women) team.
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"> • Mr. Mukesh Kadu student of B.Com. III was awarded a second prize of Rs. 3000/ at regional level elocution competition. • Miss Sayali Deshmukh and Miss Radhika Thaknaik students of XIth Science were awarded the second (Rs.3000/-) and third prize (Rs. 2000/-) at regional level elocution competition.
36. Activities of the Guidance and Counseling unit	<ul style="list-style-type: none"> • Mock Interview Competition is our unique activity for the last 16 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 opportunity” was organized by career and counseling Cell.
37. Placement services provided to students	<ul style="list-style-type: none"> • -----
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 are regularly organized. • 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/state/regional level essay/ elocution/ seminar competitions and various competitive examinations.
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 2012-13****A) Increase infrastructure facilities and services**

- i) Construction of additional class Rooms.
- ii) Purchase of classroom and office furniture.
- iii) Construction of vehicle stand and internal roads.
- iv) Construction of cement plays field basket ball court.

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 Up gradation

- i) Enrich the ICT facilities.
- ii) Arrange free computer coaching to needy students/training to staff.
- iii) Enrich the science laboratories.

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 for general health checkup for staff / students.
- ii) 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.