

The Annual Quality Assurance Report (AQAR) of the IQAC Year 2007-2008

Name of the Institution: Aquinas College, Edakochi.

Year of Report: 2007-08

Part A:

Plan of action for the year:

- ❖ To improve commitment towards community better involvement of the college in extension activities was taken up as one of the future plans.
- ❖ Involvement of teachers in research activities is also selected as one of the items for the academic year.

Part B:

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

All departments strive to provide better learning environment for the students. Most of them come from backward area. The first few days of each fresh admission serve as a preparatory class. Eminent speakers talk to them during the first few days. The Principal makes them aware of the existing avenues open to them in order to get the best from their college besides these talks help them to become one with the aims and rules of the college.

2. Initiative towards faculty development programme :

Department of Physics has on record the following publications:

- a. No. of papers published in International Journals : 3
- b. Paper Communicates for publications : 6
- c. Paper presented in international conferences : 4
- d. Papers presented in National Conferences : 4
- e. No. of Ph.D.'s undergoing : 3

3. Total number of seminars/workshops conducted:

- As part of Inter-disciplinary programmes the Department of Biotechnology, Electronics and Physics together conducted an open lab programme for school children in Jan 2008.
- *The Department of Physics*
 - Physics Show 2008
 - National Seminar on Innovations in Physical Science (NSIPS)
- *Department of Biotechnology*
 - Conducted a National Seminar 'Mirabilis -07', on Biotechnology and Bioinformatics

- *Department of Electronics*
 - Seminar on embedded Systems on 04-12-2007 by CMS Computers , Cochin
 - The department conducted an open lab programme cum an exhibition – ELECTRO FEST, from 1st January 2008 – 4th January, 2008: - more than 1000 students from different Schools were visited
 - Seminar by English Department on *Shakespearean Tragedies : An Appreciation* on 26-11-2008
- *Seminar Attended*
 - National Seminar - DAN Thottakara Memorial National seminar 21st Feb 2008

4. Research projects

- a) *Newly implemented:* Online reference facilities are provided for Department of Biotechnology and Bio-Information
- b) *Completed:*

UGC Minor Project : 2 Nos. completed

5. New collaborative research programmes:

Our students in department M.Sc Physics, Electronics, Commerce, English and Biotechnology doing their project in neighbouring schools and colleges

6. Details of research scholars:

There are two teachers in the department of Physics and one in the department of Economics engaged in Research work

7. Community services:

- **Department of English**

Prof. Clement Abraham and Mrs. John Vineetha joined a team of teachers to give guidance to students who were doing plus two course in various Schools.

- **Students from all Departments** actively participate in the forums like N.S.S., N.C.C., Blood Donors forum etc. Blood donating camp, Socio-economic health survey, poor home/old age home visit, Students' community-contact programmes etc. are the main programmes of above mentioned forums. By working in such forums students get opportunities to rejuvenate their social commitments.

8. Teachers and officers newly recruited:

- Department of English : 5
- Department of Economics : 1
- Department of Malayalam : 1
- Department of Hindi : 1
- Department of Commerce : 1
- Department of Mathematics : 2

9. Teaching – Non-teaching staff ratio: 1:1.2**10. Improvements in the library services:**

- PG Students were given direct access to library

11. New books/journals subscribed and their cost:

- 239 books were bought
- Journal : 10

12. Courses in which student assessment of teachers is introduced and the action taken on student feedback:

All undergraduate courses.

13. Unit cost of education:

- ❖ Without Salary Rs. 2091.97
- ❖ With Salary Rs. 28900.51

14. Computer and internet access and training to teachers and students:

- Students taking up degree course from the college are given the chance to become computer literate. The Department of English as part of the syllabus designed by the department provides their students an opportunity to study the use of computer in the paper Computer Application for Tutor in English. The students of the Department of Mathematics and Physics have computer as on of their papers.
- Internet access is made available to both UG and PG students.

15. Financial aid to students:

Deserving students are given financial assistance as when need arises.

16. Support from the Alumni Association and its Activities :

- Alumni Association activities are done by the concerned departments for the better response from the alumni.
- *Alumni Associations* meet once a year. The meetings are arranged by the departments.

17. Support from the Parent-Teacher Association and its Activities :

- *Parent teacher association* is a strong bonding factor of the institution. It meets very often and shares the concern and plans with the representatives of the executive body. Their presence at the retirement function college day and any other important event document their interest in the day to day progress of the institution.
- Parent teacher meeting was held on April 2007.

18. Health services:

- Students under the NSS and NCC help in preventing epidemics like Chickenguniya, Dengue, Leptospirosis
- Open window programmes, tutorial system are some of the healthy practices that the college has adopted.

19. Performance in sports activities:

- Our college cycling team won the MG University inters collegiate cycling champion ship for the second time in a row.
- Mehzer K. S. of final B.Com secured Third place for wresting champion ship
- The following students were selected in the MG university cycling team
 - * Jaison Jacob (II B.Com) * Rahul A Hari (II B.Com) * Sudheesh M.S (II B.A Economics)

20. Student achievements and awards:

Zeta Paul, student of Math department and 3rd rank holder for degree Mathematics, qualified in NET and her 1st Rank in M.Sc. Mathematics from CUSAT in 2008. She is doing Ph.D. in Mathematics in IIT Chennai. (usage verify)

21. Activities of the Guidance and Counseling Cell :

- A teacher is appointed as responsible for the guidance related to employment related matters. Another teacher is given charge of the counseling unit.
- The students are divided into batches and each batch is given a counselor from among the teachers, who will be guiding and counseling them throughout their academic year.

22. Placement services provided to students:

- Placement cell works in the college. It often gets letters from recruiting agencies. We encouraged as students to write competitive exams. Our students are working in various department, Wipro technologies, Infosys, TCs and Civil department.
- Department of Biotechnology has link with different institutes which provides training and placement assistance to students.

23. Any other relevant information :

- ❖ Our teachers make use of every opportunity available to participate in all seminars. As the NSS program officer Mr. Joseph Justin Rebello participated in two day residential camp conducted by Kerala Pollution Board on St. Thomas College, Pala and in 5 days refresher course for N.S.S programme officers from 25-11-2007 to 30-11-2007 at Rajagiri College of Social Sciences Kalamasseri.
- ❖ Participated as chairman for the Industry Examination for sub degree mathematics for 2007 and 2008.

Part C: Detail the plans of the institution for the next year:

I. Department of Physics

- a. National Seminar (October, 2008)
- b. Open Lab Programme for School Children - (November,2008)
- c. Workshop for women - (January, 2009)

II. Department of Economics

Seminar on Globalization- (November, 2008)

IV. Department of English

- a. Basic English Course - Summer Vacation for local students

V. Department of Commerce

Seminar in January, 2009

VI. Department of Electronics

- a. Seminar on Microwave Application - (November, 2008)
- b. "Electro fest 2009" - (January, 2009)

VII. Department of Bio-Technology

- a. "Five-day workshop Bio-technology, Microbiology & Immunological Techniques"
- b. Seminar on Biotechnology & Bio-informatics – Scope