

ANNUAL QUALITY ASSURANCE REPORT (AQAR)

2009-10

Submitted by IQAC



**CATHOLICATE COLLEGE
PATHANAMTHITTA**

Submitted to

NAAC

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

By

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The Format for Annual Quality Assurance Report (AQAR) of the IQAC

Name of the Institution: Catholicate College, Pathanamthitta, Kerala

Year of Report: 2009-10

Section A: Plan of action chalked out by the IQAC in the beginning of the Year towards quality enhancement (attach separate sheet if required).

- Impart Value Education through community service
- Equip teachers with necessary skills for teaching the newly introduced CBCSS curriculum of MG university
- Faculty improvement programme through Refresher courses, orientation courses, seminars, research.
- Motivating students to participating in sports activities
- Improve and upgrade technology

Section B: Details in respect of the following (attach separate sheet).

1. Activities reflecting the goals and objectives of the institution

- Effective functioning of various committees and clubs
- Quality teaching and learning environment
- Community service: a mission through NSS

2. New academic programmes initiated (UG and PG)

Computer diploma course in Web designing and Audio-Video Editing at CICMS

3. Innovations in curricular design and transaction

1. Subject oriented teaching based on the syllabus practiced in UG and PG classes
2. Teachers in Board of Studies and academic council participated in syllabus revision of MG University
3. Teachers participated in workshops for the semesterisation, syllabus restructuring and orientation programme on Credit and Semester System offered by MG University for UG courses.
4. Conducted a seminar on the newly introduced CBCSS as per MG University directive
 - * Active tutorial sessions
 - * Value Based Education and motivation offered by St. Basil Association, the MGOCSM of India.
 - * Student development through participation in international programs like SPIE & APW

4. Inter-disciplinary programmes started

- Add on courses continue
- Started computer course under RUTRONIX, a Govt. of Kerala undertaking
- Continuation of BEC and ICECS

5. Examination reforms implemented

- New grading system implemented in CBCSS pattern for UG courses
- Conducted supplementary internal examinations for slow learners
- Objective type internal examinations for PG classes following UGC- NET examination pattern

6. Candidates qualified: NET/SLET/GATE etc.

Serial No	Subject	Number of candidates
1	Malayalam	3
2	English	1
3	Mathematics	1
4	Physics	1
5	Botany	2
6	Zoology	1

Non-Academic Achievements

- Two students participated in a Programme named “**Rangoli**” conducted by Surya TV while one Student participated in the” **Star-War Programme**” conducted by Kairali TV.
- One student got Cap selection at NCC meet held in Delhi.
- A Student won first prize in the Inter-Collegiate Youth Festival.

7. Initiative towards faculty development programme

- Teachers attended UGC Orientation / Refresher courses at various Academic staff colleges
- Conducted two Orientation programmes for faculty development
- Three teachers attended a training programme on ‘Course Methodology’ organized by the Hr. Edn. Council, Govt. of Kerala
- Encouraged teachers to attend seminars and conferences on various disciplines
- Executed interdisciplinary research programmes

8. Total number of seminars/workshops conducted

Department	Regional	National	International	Agency
Economics	1			UGC
Botany		1		UGC
Physics	1	1		SPIE
Zoology	2	1		UGC & KSCSTE
English	1	1		UGC & MG University
Hindi		1		UGC
Malayalam		1		UGC
Phy.Edn		1		UGC

9. Research projects a) Ongoing; b) Completed

Dept	Major	Minor	On Going	Completed	Agency
Hindi		3	3		UGC
Physics	1		1		UGC
Malayalam	2	1	2		UGC
Zoology	1	1	1		KSCSTE
English		1	1		UGC
Physical Education		1			UGC
Mathematics		1			UGC
History		1			UGC

10. Patents generated, if any: Nil

11. New collaborative research programmes

Subject	Collaborative Agency	Teacher engaged
Zoology	RGCB- Rajiv Gandhi center for Bio technology	Dr. Manu Oommen
Physics	SPIE -International Society For Optics And Photonics-	Dr. Achamma Kurian

12. Research grants received from various agencies

Agency	Grants
UGC	15,85,000
KSCSTE	8,00,000
Management	1,00,000

13. Details of research scholars

Subject	No of research scholars	Ph. D. Awarded
Malayalam	23	
Hindi	26	
Physics	2	
Zoology	4	1

14. Citation index of faculty members and impact factor

Subject	No of research papers	Citation index
Malayalam	22	
Hindi	5	
Physics	11	
Zoology	12	
Maths	15	
Botany	1	
English	3	

15. Honors/Awards to the faculty: National and International

- Dr. Madhusoodhanan Unnithan, Department of Chemistry was selected as **jury** for the **International Film Festival** held at Toronto in USA.
- Dr.M.S.Sunil, Dept of Zoology received the award for **Best NSS Programme Officer** in M G University.

Books Published By the Faculty Members

- Dr. Madhusoodhanan Unnithan , Department of Chemistry published three books :
“NISHADAM”- A Film Script, SPCS Ltd, Kottayam
“MALAYALAM CINEMAYILE AVISMARANEYAR”- A Film History, Chintha Publishers, Thiruvnanthapuram..
“BARLEY VAYALUKALE ULAKKUNNA KATTU” (Film Studies), SPCS, Ltd, Kottayam.
- Dr.R.Bhadran Pillai, Department of Malayalam published a book “CHINTHAYUDE VARNANGAL”, N.B.S, Kottayam.

Ph.D's Awarded

The following teachers were awarded **Ph .D**

- **Dr.P.S.Pradeep**- Department. Of History
- **Dr.M.S.Paul**- Department of Malayalam
- **Dr.Valsamma Samuel**- Department Of zoology
- **Dr. Major .M.J.Kurian** – Department Of Physics
- **Dr. Mary John** – Department Of Zoology

16. Internal resources generated

Agency	Amount	Purpose
Management	5,56,849	Endowments
Alumni	2,00,000	Scholarship and noon day meal
Parent Teachers Association	2,00,000	Various developmental activities

17. Details of departments getting assistance/recognition under SAP, COSIST

(ASSIST)/DST, FIST, and other programmes - Nil

18. Community Services

- Extension activities of various departments including knowledge dissemination activities like Sashtra Patana Kalari, Talent search etc.
- Community based activities of **NSS, St Basil Association, Red Ribbon Club & Bhoomithrasena Club, Nature club,**
- **NSS**

Our college unit was awarded the “**Moses Trophy**” for best performance in social service to the community.

NSS unit and **Malayala Manorama** jointly launched a palliative care unit towards promotion of palliative actions for the neglected in the society which was inaugurated by **H.G. Philipose Mar Chrysostom Metropolitan.**

15 of our students trained by Sri.P.B.Vijayan (**DySP**) and Sri.C.Samuel (**SI**) took part in the Traffic warden Programme. Small huts for **28** Adivasi families were constructed at **Chalakkayam.**

Street plays and dramas organized in view of creating awareness on different diseases like AIDS, chikungunya, jaundice, deficiency of iodine, etc.

- **St.Basil association**

A Spiritual organization which aims to create and maintain a divine relationship among all students irrespective of their religion, caste or creed. Regular prayer meetings are conducted in the Aramana Chapel at 12.45 pm on all Fridays which includes brief speeches-by the teachers and occasionally the students- on various religious and other relevant topics imparting knowledge and wisdom to the students. Students get an opportunity to participate in various competitions and other social activities. Food packets were distributed to the marginalized people in and around Pathanamthitta town. Three day conference was also organized for the spiritual upliftment of students.

- **Bhoomithrasena Club**

Our college is one among the **78** colleges selected by the Kerala State Environment Management agency. The unit conducted various activities to create awareness on environment and the community. **46** members took part in a one-day Nature Camp in the **Gudrickal** range which included programmes like campus cleaning, tree-planting, etc. Banana plantation was inaugurated by **Dr.Saramma Varghese**, Principal and **20** plantains were planted. Ponds were cleaned and made hygienic. Compost pits and rain harvest pits were constructed in Kodumon Village.

- **Red-ribbon Club**

Various activities conducive to the smooth and successful functioning of the club were organized which included blood group identification and donation camps, street-plays, seminars etc.

- **Women-cell**

The women-cell activities for the year was inaugurated by Prof.Mary Mathew, HOD Malayalam, Baselious College, Kottayam. Kerala State Women's commission member Smt.Rugmini Bhaskaran and Adv.Annie Sweetie led an awareness class on "**Gender**". The valedictory meeting was presided over by Dr.Saramma Varghese and Dr. Molly Kuruvilla, Director, Calicut University led a class on "**Women Empowerment**".

19. Teachers and officers newly recruited –Nil

20. Teaching – Non-teaching staff ratio -2:1

21. Improvements in the library services –

- Upgradation of the Library done, computerized issue and return of the books was introduced.
- Addition of new books in various disciplines.
- Special training for the library staff arranged.

22. New books/journals subscribed and their value

Total Books- 60974 in 48615 titles, New Books-1060, Journals- 51

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

Feedback forms were collected from all UG and PG classes. The feedback was scrutinized by the Head of the Department and the teachers were apprised of their strengths and weaknesses. Departmental staff meetings discussed the feedback at the end of each semester and suggestions for improvements were made.

24. Feedback from stakeholders

Feedbacks were taken from parents and guardians during the class PTA after each internal examination. Weaknesses and suggestions for improvements made by the parents are recorded and corrective measures taken.

25. Unit cost of education: Rs 21,678/-

26. Computerization of administration and the process of admissions and examination results, issue of certificates

Preparation of salary bills, official communications and the submission of applications for scholarships is fully computerized. The admission process and the issue of examination hall tickets were also computerized.

27. Increase in the infrastructural facilities

- Modernization of rest rooms for boys and girls
- Construction of new toilets
- Construction of separate vehicle shed for students
- Improved infrastructure for Indoor and Outdoor games

28. Technology upgradation

- LCD and OHP facilities were placed in all PG class rooms

29. Computer and internet access and training to teachers, non-teaching staff

- Broadband connectivity in all departments
- Training to teachers and non-teaching staff in RUTRONIX before and after regular work hours.

30. Financial aid to students

- **Endowments- 60.**
- **Student stipend**
 - Category - Post Matric- Rs.55,000
 - Category – KPCR: Rs 32, 14,354 Beneficiaries 1055
 - Category – Mess charge to sports- Rs.3, 24,569
 - Minority Scholarship- Rs.7,410
 - University Merit Scholarship- Rs.29,700
 - Handicap Scholarship-Rs.5,700
 - Assistance to SC/ST/OBC/ Minority- Rs. 80,000/-

31. Activities and support from the Alumni Association

- Noon meal programme for 60 students sponsored by the Kuwait Alumni chapter
- 30 scholarships sponsored by the Dubai Alumni chapter
- Endowments sponsored by retired staff.

32. Activities and support from the Parent-Teacher Association

- Arranged a class wise counseling for students of various disciplines.
- A full time counselor was appointed.
- Awards to students in recognition of their academic excellence.

33. Health services

- Dr. Kurian Alexander has been serving as the college doctor on call. He visits the campus every Friday from 12.30- 2.00 pm. He arranges Health and Hygiene classes. College also provides First Aid facility.

34. Performance in sports activities

Events	Male/Female	Achievements
University		
Football	Men	4 th place
Volleyball	Men	4 th place
Baseball	Men	3 rd & 4 th places
Softball	Men	Winner
Softball	Women	4 th place
Handball	Women	4 th place
Shuttle	Men	Entered quarter final
Intercollegiate		
Football	Men	Runner up
Volleyball	Men	Two times 3 rd place
State		
Volleyball	Men	Entered quarter final
Softball	Men	Runner up
National		
Baseball	Men	3 rd place
Baseball	Women	4 th place
Softball	Men	4 th place
Softball	Women	4 th place

35. Incentives to outstanding sportspersons

- Sports kit distributed to deserving
- Food and accommodation provided in the college hostel free of cost
- Scholarships
- Coaching facility sponsored by the management and district sports council provided in the campus
- Awards given to outstanding sports person

36. Student achievements and awards

Won 2nd prize in film review in the University youth festival – Jayakrishnan. K.

Sl. No.	Dept.	Results 2009		Rank
		UG (%)	PG (%)	
1.	Malayalam	97	60	II nd (P G)
2	Hindi	91	100	
3	English	92	80	
4	Commerce	32	65	
5	History	91	75	
6	Economics	74		
7	Mathematics	80	35	
8	Physics	59	52, 90	1 st & 2 nd (PG)
9	Chemistry	75	66, 50	Two, 2 nd (PG)
10	Botany	78	75	
11	Zoology	85	80	

37. Activities of the Guidance and Counselling unit

- Class-wise counselling sessions by professional counselors was organized
- Induction meetings were specially organized to make new students aware of the discipline and functioning of the college.
- In order to instill goodness in student community counselling sessions were regularly organized in the college.

38. Placement services provided to students- see item 36

The following companies have selected students from the college through their recruitment drive. Placement cell of the college took initiative in this.

- Wipro -12
- HDFC Bank-20
- ICICI Bank-8
- Eureka Forbes-3

39. Development programmes for non-teaching staff

- Three classes to impart preliminary computer skills to non teaching staff were organized in association with **RUTRONIX**.

40. Good practices of the institution

- Everyday a communicative programme of 5 minutes duration is conducted by the faculty member or student during the last five minutes of the first hour.
- Classes begin with the college prayer and end with the National Anthem.
- Every Monday, classes on moral values are held from 11.45AM to 12.30AM
- Placards inscribed with quotable quotes and thoughts of great men are displayed at various strategic locations in and around the campus.

41. Linkages developed with National/ International, academic/research bodies

- International Society For Optics And Photonics, SPIE,
- Optic Society of America, OSA
- Rajiv Gandhi Centre of Biotechnology (RGCB) Thiruvananthapuram
- Rubber Research Institute, Kottayam

42. Action Taken Report on the AQAR of the previous year

- In order to acquaint the teachers with new syllabi, special orientation classes were organized.
- Prominent sports persons with proven track record have been culled out from State level school and college meets so as to promote sports in the college
- Training for Administrative staff members had been given at the RUTRONIX centre of the Kerala state in the college and at the Catholicate Centre of Computer studies, so as to help promote the automated system in the administration.
- Programmes were organized in various departments of the college to inform the students about the need of an environment friendly culture.
- NET coaching and other coaching programmes for various competitive exams implemented.

43. Any other relevant information the institution wishes to add.

- College is considering the possibility of becoming an institution with Potential for Excellence if approved by UGC.
 - Two departments (Department of Physics and Department of Mathematics) have been recognized as research centres.

Section C: Outcomes achieved by the end of the year (attach separate sheet if required).

- Formation of several clubs to promote various student-centric activities.
- Community based activities and extension activities of various departments have been commendable.
- The college was well prepared to receive the new curriculum of the M.G. University for UG courses. Additional examinations conducted for slow learners proved to be beneficial.
- Technological up gradations in all areas such as administration, teaching and learning have brought positive and effective changes.

Section D: Plans of the HEI for the next year

- Preparation of academic budget
- Peer evaluation
- Commencement of coaching classes
- Conduct of international seminar
- Applying for more research funds from other research agencies
- Inter disciplinary research projects.

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

Dr. Manu Oommen (Convener)

*Name & Signature of the
Principal*

Dr. George Varghese