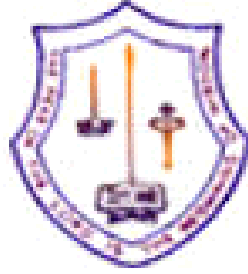


ANNUAL QUALITY ASSURANCE REPORT (AQAR)

2010-11

Submitted by IQAC



**CATHOLICATE COLLEGE
PATHANAMTHITTA**

Submitted to

NAAC

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

By

**CATHOLICATE COLLEGE
PATHANAMTHITTA, KERALA, 689645
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The Format for Annual Quality Assurance Report (AQAR) of the IQAC

Name of the Institution : **Catholicate College, Pathanamthitta**

Year of Report : **2010-2011**

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

- Conduct of Regional and National Seminars
- Organize coaching classes
- Arrange peer team evaluation for teachers
- Strengthen the activities of the PTA
- Effective career guidance programme.
- Make the Women Cell activities effective and establishing Women Studies Centre
- Publish of News letter
- Apply for CPE
- Conduct of activity based learning

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

1. Activities reflecting the goals and objectives of the institution

- Regular staff meetings
- Bridge Courses to students
- Computer training to students
- Effective personality development programmes
- Continuous internal evaluation
- Value based education and moral awareness classes by Basil association
- Special coaching for volley ball arranged in association with Sports Council, Govt. of Kerala.

2. New academic programmes initiated (UG and PG)

- Diploma Course in Computer Application (Department of Commerce)
- Diploma Course in Instrumentation and Networking (Department of Physics)
- Certificate Course in Fashion Technology (in association with KILE)
- Integrated Course in English Communicative Skills (ICECS) for both UG and PG

3. Innovations in curricular design and transaction

- Curriculum planning for each course at the beginning of the academic year-Syllabus divided into Assignments , Seminar and class room teaching portions
- For the selection of the electives and open courses open houses are conducted at the departmental level as well as at the college level. Students are given the freedom to opt the Open course of their interest.
- The following activity based teaching was introduced at UG level
 - Mock parliament (History)
 - Taxonomy studies by collection of plants (Botany)
 - Taxonomical studies based on specimens kept at the museum (Zoology)
 - Teaching poems through conversation (Hindi)
 - Molecular models are made for the better understanding of structures and their symmetry properties (Chemistry)

4. Inter-disciplinary programmes started

- English speaking course (Communicative English) was introduced with the intention to enhance and improve communication skills in arts, commerce and science. The congenial vocabulary required for these different streams of learning is taught in the curriculum.
- Training programme in Statistical Methodology (Commerce)
- Measurement of Physical and Chemical parameters of potable water (Chemistry)

5. Examination reforms implemented

- Direct grading system was introduced
- First internal examinations were conducted in both objective and subjective pattern.
- Second internal examinations were in the University pattern
- Awareness class for grading system was conducted for both teachers and students.

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

Serial No.	Subject	Number of candidates
1	Mathematics	1
2	Physics	1
3	Botany	1

7. Initiative towards faculty development programme

- Encouraged teachers to attend seminars, workshops and conferences
- Conducted State and National level seminars
- Introduced collaborative research programmes
- Invited lectures organized by the IQAC
- Encouraged teachers to undertake various research projects

8. Total number of seminars/workshops conducted

Dept.	National	International	Agency
Economics	1	-	UGC
Mathematics	1	-	KMA
Physics	1	1	SPIE
Zoology	1		UGC
English	1		UGC
Hindi	1		IQAC
Botany	1		UGC

9. Research projects a) Ongoing; b) Completed

15 minor research projects and 1 major research project completed.

ONGOING RESEARCH PROJECTS

Dept	Major	Minor	On Going	Completed	Agency
Hindi		2	2	2	UGC
Physics	1	7	4	4	UGC
Malayalam	2	2	4		UGC
Zoology	1	3	2	2	UGC, KSCSTE
English		1	1		UGC
History		1	1		UGC
Mathematics		1	1		UGC
Physical Education		1	1		UGC
Chemistry		1	1		UGC

Department of Malayalam

1. 'Literary Adaptation in Modern Malayalam Films' (UGC Major Project)
Principal Investigator - Dr. R. Bhadran Pillai
Project Fellow - Smt. Suma Daniel
2. 'Cultural Heritage of Nampoothiries in Kerala - A Study Based on Original Documents' (UGC Major Project)
Principal Investigator - Dr. V. Rajeev
Project Fellow - Smt. Indu R.
3. 'Literary Adaptation in Modern Malayalam Films' (UGC Minor Project)
Principal Investigator - Dr. R. Bhadran Pillai
4. 'Social Status of Nampoothiries in Kerala' (UGC Minor Project)

Principal Investigator - Dr. V. Rajeev

Department of Hindi

1. Social Consciousness Depicted in the Dramas of Post Independent Women Play
Wrights. (UGC Minor Project)

Principal Investigator - Dr. Mini George

2. 'Anti - Establishment Tone in the Dramas of SarveswarDayal Saksena.' (UGC
Minor Project)

Principal Investigator - Dr. Mini George

Department of English

1. 'Women and Land Rights in Literature and Society' (UGC Minor Project)

Principal Investigator - Dr. Lata Marina Varghese

Department of History

1. 'Cochin Response to the Food Crisis During the Twentieth Century'
(UGC Minor Project)

Principal Investigator - Dr. P. S. Pradeep

Department of Mathematics

1. 'The Categorical Approach in Uniform Spaces and its Application.'

Principal Investigator - Dr. D. Susha

Department of Zoology

1. 'Studies on the Community Structure Phylogenetic and DNA Barcoding
Of Pathanamthitta Region'(Rajeev Gandhi Centre for Biotechnology-Minor Project)

Principal Investigator - Dr. Manu Oommen

Project Fellow - Nishanth. R

2. 'Studies on the Avian Population in Upper Kuttanad' (Department of
Science and Technology - Major Project) Submitted

Principal Investigator - Dr. Manu Oommen

Co-Investigator - Dr. M. J. Elizabeth

3. 'Studies on Some Aspects of Biological Pollution in River Pampa'
(UGC Minor Project)

Principal Investigator - Dr. Manu Oommen

Co-Investigator - Dr. Mary John

4. 'Reproductive Health of Tribal Women and Health Problems in Tribal Children
a "Study in Chalakkayam and Moozhiyar forest Near Sabarimala, Kerala"

Principal Investigator - Dr. M. S. Sunil

Department of Physics

1. 'Thermal Characterization of Nano Fluids Using Optical Techniques –(Major Project)
Principal Investigator - Dr. Achamma Kurian
Project Fellow - Sri. R. Rajesh
2. 'Fabrication of Thermalloens Spectrometer for the Study of NLO Properties of Technologically Important Materials. (UGC Minor Project)
Principal Investigator - Dr. Achamma Kurian
3. 'Laser Spectroscopy Characterisation of Inhomogeneous Fluid Medium Using Laser Beam Deflection Technique. (1997) – (Minor Project)
Principal Investigator - Dr. Achamma Kurian
4. 'Growth and Characterization of Nano Structured ZnO Crystals doped with rare earth materials' (Minor Project)
Principal Investigator - Dr. George Varughese
5. 'Growth and optical studies on ZnS nano crystals doped with rare earth materials' (Minor Project)
Principal Investigator - Dr. George Varughese
6. 'Growth and ultrasonic studies on CuO nano crystals doped with rare earthions' (Minor Project)
Principal Investigator - Dr. George Varughese
Co-Investigator - Prof. John Varughese
7. 'Growth and Characterization of Phosphate micro crystals doped with rare earthions by gel method' (Minor Project)
Principal Investigator - Dr. Valsamma M. Samuel
8. 'Growth and Characterization of Tartrate crystal by gel method' (Minor Project)
Principal Investigator - Dr. Valsamma M. Samuel

Department of Physical Education

1. Eradication of hyper blood pressure, obesity and diabetics through and aerobics (UGC Minor Project) yoga
Principal Investigator - Dr. Sosamma John

10. Patents generated, if any- Nil

11. New collaborative research programmes - Nil

12. Research grants received from various agencies

Rs. 9,50,600

13. Details of research scholars

Subject	No of research scholars	Ph. D. Awarded
Malayalam	23	
Hindi	30	
Physics	2	0
Zoology	4	1
Mathematics	1	

14. Citation index of faculty members and impact factor

Dept	Seminar Presentations		Publication In Proceedings	Publication in Refereed Journals	Books	Articles in Books
	National	International				
Physics	4			7		
Zoology				1		
English	4	4		5		
Malayalam				4	2	
History		1				
Mathematics	4		5	6		
Hindi				6		
Botany			3			
Chemistry				1		
Commerce	9			8		
Mathematics	15			11		
Physical Education	6			1		

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

Honours and Awards to the Faculty

PhD Awards

ZOOLOGY

- Dr. Mary John

ENGLISH

1. Dr. Lata Marina Varghese

- Dr. George Varughese, Principal was nominated as member, syndicate of the Mahatma Gandhi University and expert committee member of UGC Delhi.

- Prof. Raju Varghese and Prof. Renny P Varghese, Department of Mathematics were elected as senate members of MG University.
- Dr. George Varughese and Fr. Prof. Kurian Daniel were nominated as members of academic council.
- In PG Board of Studies- Dr. V. Rajeev (Malayalam), Dr. M. S. Sunil (Zoology), Prof. A. V. Thomas (Commerce) were nominated
- In U.G. - Prof. Renny. P. Varughese (Mathematics), Dr. A. Alice (Malayalam), Dr. Pradeep P. S. (History) were nominated.

The NSS coordinator Dr. M. S. Sunil received the following awards

- Deshamitra Special Puraskar
- Gandhi Bhavan award for best social worker
- Best blood donor motivator award
- Vanithasamajasevapuraskar
- Paristhithi award
- Dr. M. J Kurian was appointed as Chairman of M.Sc Material science of the Mahatma Gandhi University during March 2011
- Prof. Elizabeth George of Physics Department was appointed as Deputy chairperson of M.G. University Kozhencherry Centre
- Mahatma Gandhi University, Kottayam, Kerala honoured Dr.Sosamma John who was the manager of the M.G. University Volleyball team (women) and the team won the All India Inter University Volleyball Championship 2010-2011.
- Dr.Susha D,of mathematics, Dr. Harikumar PN of commerce, Dr. Sunil M.S. of Zoology, Dr. Rajeev V. ,and Dr. R. Bhadran of Malayalam are serving as subject experts of M.G. University.
- Dr. M.J. Kurian was promoted to Major and was selected as the best NCC Officer.

16. Internal resources generated

Contributions by the well wishers and alumni of the college amounting to Rs. 4,72,000/- have been utilized for the developmental facilities of the college.

The Department of Commerce raised Rs. 25000 from students of other disciplines for short-term computer courses. They collected funds by conducting 2 day workshop on data analysis for social science research for research scholars.

Former faculty of the Department of Physics donated his library books to the department. They also raised Rs.100,000/- by conducting computer courses. They have now 6000 books in their book bank. The department has a good reading room.

The Department of English raised funds by conducting courses like BEC of Cambridge University, Communicative English etc.

The Department of Chemistry collected funds by DRC testing of Rubber latex and quality testing of drinking water.

The Department of Zoology generated funds by collecting Honey from villagers and selling it.

The Hindi Directorate contributed 300 books to the Department of Hindi. One of the former members of the faculty Prof. Anandalakshmi donated 30 reference books to the Department.

17. Details of departments getting assistance/recognition under SAP, COSIST (ASSIST)/DST, FIST, and other programmes –Nil

18. Community services

NSS Unit

- NSS unit participated in the 'Save Pampa' project of Govt. during Sabarimala Pilgrimage cleaning plastic in Pampa river at Plappally. 35 students participated. NSS also participated in the plastic cleaning programme in sannidhanam in collaboration with state pollution control board.-100 students participated.
- They have conducted water quality testing in collaboration with pollution control board at Catholicate High School, General hospital and Muthoot hospital.
- NSS volunteers distributed clothes and rice packets in Chalakkayam adivasi colony and to 65 poor families at Churulikodu.
- NSS launched a rural library at Kokkathodu. Bhoomitrasena has launched a rural library at Thengucavu, Mallassery
- 18th rural Library was started under the auspices of NSS unit, at Balika Bhavan Konni
- Mar Philoxenos Heart foundation in collaboration with St. Gregorios Hospital, Parumala was inaugurated under the auspices of college Social Service League.
- The NSS unit celebrated World AIDS Day and cleaned the houses of HIV patients at Angadical.
- Anti dowry campaign was conducted under the auspices of district social welfare Dept. and NSS.
- Amla Plant Day programme was conducted under the auspices of Bhoomitrasena club.
- NSS has constructed two houses for two homeless persons.
- They have donated 10 wheel chairs, 4 walkers, 3 bed spreads at Gandhi Bhavan, Pathanapuram. They have also distributed uniforms and school bags at Attachakkal colony, Thenguncavu Govt. LPS, Keerukuzhy Govt.LPS
- NSS has distributed note books and school uniforms among Kokkathodu Govt. High School students

- They donated blood to 328 patients and conducted a blood donation camp. 18 students of our college have got blood donor award. Our institution secured 'best institution award' and our coordinator Dr. MS Sunil has got 'best motivator' award. Formation of 'Club 25', with 25 persons below 25 years, who have donated blood 25 times. They conducted a blood donation camp at Angadical
- A counselling class was organized for 300 HIV Patients 'prathyasa' and given lunch at Ranni.
- 'Jagrathasamithi' for girl students was formed under the auspices of NSS and a help line was initiated.
- 25 students have participated in traffic duty training.
- The NSS conducted awareness programme on internet and mobile abuse.
- The NSS conducted an orientation program on 17th August 2011.
- The NSS unit conducted canal renovation at Oonnukal.

19. Teachers and officers newly recruited - 4

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

21. Improvements in the library services

Elaborate arrangements have been made in the (i) Reference (ii) General (iii) Journal / Magazine / Periodicals sections. Latest additions were made available in the reference section. Broad band Internet facility is made available in the library during working hours. Two hours additional time have been allotted for reading and selection of books.

A move towards complete automation of the library has been initiated. Broad band internet facility is available for teachers and students.

The data base will provide information regarding books accessed in the library, status of the book, reservation facility and information regarding journals subscribed to in the library, multimedia available in the library, bound volumes of journals available in the library. Work on Digital library is in progress.

22. New books/journals subscribed and their value

Total Books 62516 in 49967 Titles. The number of new books purchased during 2010-11 were 1545nos and the cost was Rs. 3,18,368/-. The number of journals and periodicals subscribed during 2010-11 were 74 nos. and the cost for the same was Rupees 1,08,080/-.

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

Student feedback was collected randomly from all UG and PG classes. Then the feedback is scrutinized by the Head of the department and teachers are apprised of their strengths and weaknesses. Pertinent issues arising are discussed in the

departmental staff meetings at the end of each semester and solutions suggested. Matters outside the scope of the dept. were referred to the principal.

24. Feedback from stakeholders

Feedback was taken from parents and guardians during the class PTA meeting convened after every internal examination. Defects and improvements suggested by the parents were recorded and corrective measures were taken.

25. Unit cost of education

Rs.30030/-

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

Department of Commerce developed a software- Student Information System (SIS)- which is useful for storing and updating details of the students. Admissions, preparation of salary bills, University correspondences, preparation of Question papers and student attendance have been computerized.

27. Increase in the infrastructural facilities

- IBM server and 20 computers in Dept. of commerce
- Digital theatre in Dept, of Malayalam

28. Technology up gradation

All the departments use computers for documentation and presentation of data. OHP, Slide Projector and LCD Projector are used as teaching aids as and when required. Internet access is given to both teachers and students in the library for improving their learning activity. INFLIBNET accounts were made available to teachers and P G students.

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

Internet connections, , were made available to teachers and students in the Library. In the campus, there are three computer labs. Short-term diploma courses are conducted in these centers. All Depts. have internet access. The teachers and students of the college have access to the computer lab and Internet facility. Computer training courses of four-week duration are conducted for degree students in collaboration with Catholicate College Computer Academy and certificates are issued.

The Management of the college established Catholicate Computer Centre in the campus to make existing courses job oriented. The Centre also conducts courses leading to DCA and PGDCA, and offers bridge courses in application software like SPSS for the faculty and students.

30. Financial aid to students

Financial aid of Rs. 3000/- was given to poor students of first and second year B.Com by the Department of Commerce. Department of Zoology arranged financial aid to one M.Sc. student and provided financial assistance through voluntary contributions from staff members. Two students were adopted by the Dept.of Physics and their entire university fees were met.

Thirteen students from department of Hindi have got National merit scholarship. Forty two students have received university merit scholarship. Three students have received scholarship for physically handicapped. Thirteen students received Muslim/Nadar Girls scholarship. Five students received state merit scholarship.

Category - post matric- Rs.83,0000

Category – KPCR : Rs 3445078, Beneficiaries 1059

Category – Suvarna jubilee scholarship: 29 beneficiaries

Mess charge to students involved in sports- Rs. 417229

Cent sect Scholarship- Rs. 60000

Minority Scholarship- Rs.7410

University Merit Scholarship- Rs. 11100

31. Activities and support from the Alumni Association

- A grand reception was given to Director of the Satellite Centre (ISAC) of Indian Space Research Organisation (ISRO Dr. T. K. Alex, a former student of Catholocate College during 1965-67.
- Alumni meet of Dubai Chapter has been conducted on May 12, 2011. They have given Rs. 10,000 /- for NOON MEAL programme and donated Rs. 50,000/- for a cancer patient.
- Alumni meet of 1962-65 batch was conducted in the auditorium. 86 members attended.
- Captain Raju inaugurated the yearly Alumni meet on Aug 15th in the college auditorium.250 members participated.
- Our alumni Dr. Renjith Krishna Pai, the alumni of M.Sc. Polymer 1999-01.was honoured for having secured US Patent in Polymer science.
- In order to get acquainted with the prominent alumni of the college, a programme called "*Meet a prominent Alumnus*" was arranged for the students. Sri.K. Narayana Kurup, Hon'ble Justice (Rtd) delivered a lecture on his "Landmark Judgments".
- Parent Alumni meet of the college was convened on August 15 in the college auditorium.
- The Alumni meet of physics 1983-86 batch was conducted on August 13.
- The Alumni meet with their family members was conducted on August 6.
- Classmates of 1975-78 physics batch met in Catholocate college

32. Activities and support from the Parent-Teacher Association

The PTA, constituted according to norms set by university statutes, is active in the college. The PTA ensures the participation and co-operation of the parents and teachers in the all round development of the students of the college. This year also the PTA raised substantial funds which was utilised for the computerization of the library. Separate parent -teacher meetings are held by various departments every academic year.

There is frequent contact with the guardians to keep them informed of their ward's progress. The membership fee is collected during the time of admission. Parents are encouraged to meet the staff members in order to facilitate co-operation and collaboration in our educational work. Other activities include class PTA, award ceremony and formal send-off to retiring teachers.

- Teachers and other members on the staff of the college collected Rs. 75,000/- and donated to the charity fund of H.G. Kuriakose Mar Clemis Metropolitan.

33. Health services

Medical inspection is conducted for all students. Information and Guidance Classes are arranged on health & hygiene. College has a Doctor on call.

34. Performance in sports activities

Catholicate college football team won the Kick and win contest organized by Malayala Manorama at Thiruvalla by defeating Marthoma College Thiruvalla.

Our volleyball team won laurels for the college by securing the District championship, P M Mathenkalluthara memorial trophy and Baselios Mathews II trophy and south zone intercollegiate Baselios trophy.

35. Incentives to outstanding sportspersons

Outstanding sportspersons have been given free accommodation and food in the college Hostel.

Endowment awards and financial assistance was also given to the outstanding sports personalities

Special coaching for all the events was also arranged with the help of the sports council and the management.

36. Student achievements and awards

Salini S Pillai II BSc. Zoology, secured II prize, Aju k Raju II BSc. Zoology secured III prize in the state Essay competition under the auspices of Terumopenpol. In Malayalam essay competition Anupriya NP II MSc Zoology secured I prize.

Preethy S of II Msc Zoology secured I Prize in the essay competition organized by Indian Institute of Science and religion held at Alphonsa College Pala.

Soumya Elizabeth Varghese III BSc. Physics secured II prize in the essay competition and elocution competition in connection with wild life week held at republic school Konny.

Jobson Abraham, Salini S Pillai, Lijualex won the I, II and III prize respectively for essay competition organized by Information Department in connection with Quamiekatha week

Soorya MS, I Msc Polymer, Preethy S II MSc Zoology and Navyalekshmi Nair, I BSc. Physics, secured first, second and third prize respectively in the quiz competition in connection with AIDS day

Results & Ranks

Sl. No.	Dept.	Results 2010		Rank
		UG (%)	PG (%)	
1.	Malayalam	92	70	
2	Hindi	91	100	
3	English	93	89	
4	Commerce	50	91	
5	History	92	66	
6	Economics	75	NA	
7	Mathematics	60	55	
8	Physics	81	80, 90	1 st , 2 nd &3 rd (PG)(M) 3 rd (E)
9	Chemistry	60	88, 50	Two 2 nd (PG)(P)
10	Botany	76	91	6 th (UG)
11	Zoology	79	80	

COLLEGE LEVEL AWARDS

The College has instituted the following awards sponsored by benefactors, teachers and alumni. The awardees receive the interest of the endowment given against each award.

Mar Philoxenos Khashiro Best teacher award instituted by Kuwait alumni chapter for the best teacher belonging to Orthodox community. This year the award was given to Shaji Varghese Dept. of Physics St. Thomas College Kozhencherry.

Mar Eusebius Catholicate Best Educationist award instituted by Kuwait alumni chapter for the best educationist of Indian university belonging to any community. Rev. Fr. Dr. K.M. George Principal Orthodox Theological Seminary, Kottayam received the award.

37. Activities of the Guidance and Counselling unit

The students counselling cell of the college, under the guidance and leadership of the convener Rev. Fr. Kurian Daniel, organizes orientation programmes for students and also provides counselling facility to the needy. Leadership training programmes

are conducted on every Wednesday and Friday. Fr.Sam P George, Fr Roy P Thomas and Dr. Daisy Joseph offer academic counselling to students. Rev. Sr. TJ Mariamma, of the Department of Hindi, Rev. Fr. PT John of the department of Syriac and Prof Rachel P Mathew of the department of Chemistry also serve as counselors for students. Students with behavioral problems and those who need moral support and backing are identified and helped in the counselling cell. The college also avails of the service of a full-time counselor.

- Induction of first year UG students was conducted on 27th June
- Motivational talk was arranged for 3rd year Degree students by Fr.Dr. O. Thomas, Faculty member of MD Orthodox theological seminary, Kottayam.
- Counselling class for 2nd year UG students was conducted on 9th June, 2011 by Fr.Roy P. Thomas, MOC governing board member.
- Orientation programme for 2nd year UG students was conducted on June 1 by Sub Judge of Pathanamthitta Sri. K. T. Nizar
- The college organized counselling on effective parenting with Sri. Grace Lal as the chief resource person on September 9, 2011.
- Fr. Bobby Jose Kattikadu conducted a counselling programme for teachers and P. G. students organized by Staff Club.

38. Placement services provided to students

The career guidance cell of our college equips students to prepare for suitable careers. The career guidance cell conducts workshops and programmes on career orientation, higher study options and self-employment. The college has a well-equipped career library with useful books and periodicals. Experienced resource persons give career counseling to students.

- The international trainer Dr. Zakir Hussain conducted coaching class for 3rd year BA/B. Sc. Students on January 11, 2011
- Catholicate Institute of Advanced studies conducted Bank Recruitment programme for students
- The Civil Service coaching under the guidance of Dr. Pradeep P. S. was inaugurated on July 25.
- Catholicate academy of Airline studies in collaboration with In House Airline Aviation Academy, Kochi was inaugurated.
- The ornament making and designing certificate and diploma course was launched on August 23 in collaboration with Govt. of Kerala.
- A placement cell started functioning in the college. Dr. Sunil Jacob of Department of Chemistry was nominated as convener. An impressive placement brochure is prepared by the placement cell, and was mailed to leading corporate houses and reputed institutions. Different teams are formed and trained to make contacts with the corporate. Placements on 3 models are offered to the candidates. 1) Campus

placement. 2) Institutional reference (The candidate is referred to select institutions) 3) Placement assistance by timely intimation of opportunities.

MNCs like HCL, Wipro, First source, Sutherland etc visited our campus and recruited students from various streams.

Sl. No	Companies visited	No. of students got Placement
1	HCL	8
2	Wipro	5
3	First source	18
4	Sutherland	16
5	HDFC	6
6	DELL Co.	15

39. Development programmes for non-teaching staff

The college organizes programmes such as orientation course for non-teaching staff. A Training programme was conducted for the administrative staff in which a detailed talk on KSR was given. Computer awareness programme and training was conducted with the help of RUTRONIX of the Kerala Government functioning in the college.

40. Good practices of the institution

- The department of zoology conducted Zoo-fest and other competitions for the Zoology students in collaboration with the Zoological Society of Kerala.
- All department associations of the college organized welcome for freshers and farewell for final year students.
- The college has a unique mind in celebrating the festivals.
- The morning session begins with prayer on all working days of the college.
- We conducted two internal examinations before every semester Examination in addition to the class test papers. The evaluation is transparent. The answer papers are returned to the students.
- We have conducted an annual orientation programme for teachers.
- The college has a plastic free clean and tidy campus.
- We conduct a life guidance programme for the final year students every year.
- The teaching staff is recruited by the Management solely on merit.
- The college published a newsletter, FOCUS incorporating all the activities of the college.
- All Departments also have departmental News Letters.

- The college observes dates of historical and cultural significance.
- The college has an efficient coaching center named CICS. (Catholicate Institute of Competitive Studies) The center offers excellent academic schedules at affordable fees structure.
- The college is having a consultancy services division named “Edison circle”. It provides consultancy in areas such as nature conservation, environmental education, statistical data analysis, solid waste management, water quality analysis, mushroom cultivation .
- Dept. of Botany gave Guidance to students in plant propagation and Mushroom cultivation.
- Peer evaluation is also practiced in the college among the staff members

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

- International Society for Optics and Photonics (SPIE International)
- Optic Society of America(OPA)
- Rajeev Gandhi Centre for Biotechnology
- Rubber Research Institute of India, Kottayam

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

The college Management has an effective peer team evaluation and its reports are discussed in the Local Governing board, college council and their views are presented in the staff meeting

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

- Office automation for efficient functioning has been given priority.
- Improving the technical infrastructure of all departments
- Creating additional facility and providing training for computer assisted methods of teaching.
- Strengthening coaching classes for entry in service and remedial classes for weaker students.
- Increasing sports infrastructure and starting health club
- to conduct Yoga classes as Bridge course by the Dept of Physical education
- To start training for National Eligibility Test by UGC
- To conduct bridge course in Landscaping, Flower arrangement, Vegetable Carving to the students of Catholicate College by the department of Botany. They also wish to organize fresh and dry Flower arrangement competitions for the students of catholicate.
- Trying to sanction sports hostel for volley ball in our college

Women Study Centre (CWSC) & Women Cell activities

- The Catholicate Centre for Women Studies(CWSC) conducted national seminar on" Women and Gender issues" on 15 Dec 2010, co-sponsored by M. G. University
- CWSC conducted a Conference on" Women and Work" on 31st January.
- CWSC organized a Conference on "Women and Education" on February 28,2011.
- Helpline for women inaugurated
- CWSC conducted a conference on" Women and Science" on 17th December 2010.
- 100th International Women's Day was celebrated by CWSC.
- Manasi, the news Bulletin of the women study centre was also published.

The activities of Women Cell were inaugurated by Smt. Suma D. and Sunith S., coordinators of REACH(Resource Enhancement Academy for Career Heights)

- Anti-dowry awareness programme constituted by District Social Welfare Department was organized by Women Cell.

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

Findings

- The Catholicate College has adopted a number of healthy practices in tune with its mission and goal to achieve excellence in all spheres.
- The college has signed MOU with Keltron, Rutronix, Kile, Kavil. Columbus State University has selected the college as a collaborative unit.
- The college has signed MoU with CORE Group Thiruvananthapuram for conducting NET coaching and bank recruitment coaching.
- 'Lap Top to All' programme has been launched with the help of Employees Co-operative bank by giving loan to teaching and non-teaching staff for the purchase of laptop.
- Red ribbon club of the college has been selected as the best and biggest blood donor in Kerala.
- NSS adopted an adivasi colony at Chalakkayam.
- The students of this college have excellent record in sports and games which won laurels for the college. Around 20 students represent university, state championship in the senior, youth, and junior level in softball, base ball, volley ball and foot ball.

- Bagged rank in M.Sc. material science, (1st and 2nd ranks) MSc Analytical (1st rank), MSc polymer chemistry(2nd rank)
First prize in monoact in MG utyYouth festival
- Extension programme, carry bag making unit by Dept of commerce, DRC testing and mushroom cultivation by botany dept. apiculture training, sale of honey, ornamental fish breeding vermin culture by the dept. of zoology, know your river (pollution testing)by dept of chemistry, optics to school by dept of physics, health clubby physical edn. are commendable achievements.
- Continuing Add-on programmes:
Medical lab tech.(zoology), computer tech.(Physics), yoga and stress management(Physical education Dept), Video Production and science communication(chemistry).
- Wide ranging programmes for the women cell
- Dept. of Zoology rated as Best dept. among all depts. of MOC colleges by Management Peer team
Suggestions for improvements

Management Peer Team proposed following points:

- More teachers should be motivated to obtain Doctoral degrees with or without FIP assistance to promote research.
- The Teachers may be encouraged to apply for research projects outside funding agencies like UGC, CSIR, and DAE etc.
- PG Course in Economics may be started.
- Video-Conferencing facilities may be provided for interaction with higher centers of learning and research.
- The Academic activities of the teachers may be assessed by an external peer team comprising of academicians.
- The College should further strengthen programs in development of soft skills and personality development to the students.
- Research collaborations at National level and support of national laboratories in the vicinity may be taken up and more linkages with the industry may be established.
- Released the Proceedings of the UGC sponsored National Seminar Analysis and its application on December 8-9, 2011 by Department of Mathematics (ISBN 978-81-925047-0-4)

Section D: Plans of the HEI for the next year

- Language Lab for English Dept.
- Promotion of research activities
- A well equipped student's centre for the day-scholars, an indoor stadium, swimming pool, a gymnasium and an athletic track may be added to the existing facilities as suggested by the students.
- Consultancy services may be initiated.
- Departmental Library for Hindi and upgrade libraries in Research departments.
- The college should make efforts to get more financial support from the department of culture, UGC and Government of India.
- Encourage and improve the usage of library by students.
- Subscribe to more research journals.

Name & Signature of the
IQAC Coordinator

Dr. Manu Oommen

Name & Signature of the
Principal

Dr. George Varghese