

THE ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC

Name of the Institution : **ST. PIUS X COLLEGE**

Year of Report : **2008 – 2009**

The IQAC of St. Pius X College envisages the qualitative development of the faculty, students, non – teaching staff and institutional systems of the college . The changing scenario of higher education calls for new academic programmes, innovative curricular designs and there is an urgent need to equip the faculty and students to meet the challenges of the academic world through properly motivated research programmes, projects and curricular planning. This also necessitates the accessibility of the latest vistas of knowledge through technological advancements. The institution is prepared to undertake new steps to face the needs of the present and challenges of the future. Ample thrust is given to both infrastructure and academic developments.

Part A

The following are the plans of action formulated by the IQAC in the beginning of the year toward quality enrichment and the outcome achieved by the end of the year.

Proposals:

1. To make broadband a reality and introduce INFLIBNET service in the college.

2. To install a transformer exclusively for the college to overcome the voltage problem faced by the college.
3. To strengthen the ongoing add- on courses conducted by the college.
4. To provide training to the educated local youth with the financial assistance from UGC.
5. To provide computer literacy to the members of “Kudumbasree” in the Kallar Panchayath as an extension work since this college is situated in this Panchayath.
6. To revamp entrepreneurial development club under the auspicious of the Business Administration department.
7. To start the second phase of education in human values with the financial assistance from UGC.
8. To organize intensive personality development programmes for the students.
9. To initiate the process of campus afforestation to ensure ecofriendly atmosphere and to generate a nature friendly mental temperament among the students and the local folks.
10. To give more emphasis to the development of arts and sports.
11. To construct an arch along with gate at the college entrance.
12. To establish a recreation hall in the college with indoor game facilities.

Outcome

The broadband internet connection is materialized and the enhanced speed and bandwidth will help the faculty members and the students to explore and avail the required materials faster. In order to introduce INFLIBNET service, the application is forwarded to the UGC through the Kannur University and we are waiting for the response. The access to the service may bring a new avenue and take the teachers and students to the latest

sphere of knowledge. To overcome the voltage problem faced by the college during the preceding years, the KSEB has agreed to install a new transformer beside the college campus and the works are already initiated.

In order to enhance the employability of the students, we started two UGC aided Career Oriented courses in Tourism Management and in Insurance. In addition to these, two Career Oriented courses had been conducted by the Computer Science department. A new diploma course in Electronic and electrical equipment maintenance has been proposed to UGC and the response is yet to come. Through the students undergoing this Career Oriented course we would like to reach out to the local community and ensure timely and proper maintenance of their equipments. The minority coaching centre is actively involved in providing training for the educated local youth. Started under UGC aid in 2007, the Centre offers free coaching to eligible students of identified religious minorities for various professional entrance, competition and selection tests of the central, state and private agencies. Remedial coaching in core subjects for outstanding students is a noteworthy feature of the centre. UGC sanctioned 6.28 lacs for this coaching centre to provide an in service training for our students and local youth as well as remedial coaching for our students. One of our student passed in the SBT clerical test.*****. A computer basic skill course was conducted to the members of the Kudumbasree in the kallar Panchyath to develop computer skills among them. The ED club of the college is revamped in consultation with the District Industries Centre of the State government. In order to inculcate the human values, a second phase of education in human values is implemented by EHV Club of the College. Importance of value based education has been propagated in a planned and systematic manner to refine the minds and actions of the stakeholders of the college. In addition to this, a major project was submitted to UGC to further strengthen the EHV club. ****. An orientation programme was conducted for the first year students, in order to improve their communication skills and personality development. Also, a special personality training for the second and third year students was effectively conducted.

In order to attain eco friendly atmosphere and nature friendly mental temperament among the students, campus beautification and afforestation are initiated. The efforts are fueled by the collaboration with the Social Forestry Department of the Kerala government. We planted around 800

plants in the campus for the beautification and environmentally atmosphere.

Our students performed a remarkable achievement in the Kannur University Inter – collegiate arts festival. The college achieved 7th place among 93 colleges in the University. Moreover our students achieved ‘A’ grade in all the participated items. Besides, students participated and achieved prizes in several local competitions also.

In the fields of sports and games students represented the University and district and achieved several prizes. Kannur University Inter – collegiate waiting lifting championship was held at our college in November 2008, and our college won the first place. Our girls won the third place in the university Inter – collegiate women’s kabadi competitions. The students achieved several prizes in the various local competitions too. Seven students were selected to the Kannur University basket ball, football, athletics, boxing, and weight lifting teams and participated in all India interuniversity competitions.

Lance Corporal Roshan Jose and Lance Corporal Radhika M. of Second B. Sc. Physics of our college attended Thal Sainik Camp at New Delhi, a centralized camp commanded by the Director General of NCC Lieutenant General Prakash Choudhari. Miss Radhika M. won the gold medal in the Kerala inter group competition in obstacle crossing. Former Senior Under Officer (SUO) Augustine Joseph of III B.Sc. Physics got placement as Radio Operator in Army Technical Wing by virtue of his NCC cadetship. He was the only SUO of this unit during 2007 -2008 and was the only one NCC entry to Army from the entire group of calicut which consists of 9 Battalions. B certificate holder Cadet Naveen Kumar of II B.Sc. Physics got placement as Airman in Indian Air force during this

year. Cadet Vijay Chand and Cadet Asna were placed in the 5th and 6th ranks in Kerala entrance examination in NCC quota.

A eye medical camp was conducted our NSS unit in association with Lions Club of Kahangad. More than 200 patients were examined and 40 spectacles distributed at free of cost. Also nine people undergone surgery. NSS volunteers attended five university level residential camps, held at People's College, Munnad from first to fifth October 2008, C.B. College, Madeyi from 24th to 25th October 2008, St. Joseph's College, Pilathra from 26th to 30th October 2008, Sir Syed College, Thaliparambu from 24th November to 28th November 2008 and Parriyaram Medical College from 24th November to 28th November 2008. Five volunteers were selected as para legal volunteers by the legal service committee. The National Service Scheme of the college organized a seven - day live in camp at Attakkandum. Apart from manual work, the volunteers undertook personality development programme for school children. Chikun Gunia eradication, Legal Awareness Programme etc. were the other major events organized during the year. A recreation hall with indoor game facilities was established, so that students can make use this facilities in order to improve their physical as well as mental abilities. The proposed construction of arch and gate is half way through. IQAC liberally encourages enhanced use of ICT in teaching and learning process.

Part B:

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

The primary objective of the college is to provide higher education in a Christian atmosphere of all round excellence to all deserving students, especially those belonging to the catholic Christian community along with other students irrespective of their caste and creed. The mission statement of the college is one that reflects both activities and aspirations of the college. Accordingly, every year the performance by the students and the staff is a step towards betterment. The college consider itself to be its own best competitor and so strive consistently towards bettering its performance.

In order to achieve the set objective and goals, the college follows a multidimensional approach:

- **A penchant for academics:**

St. Pius X College is recognised as premiere institute of learning, which can be seen through the manor in which people flock to seek admission to the college after the plus 2 results. The attempt of the college is to consolidate this strength and better it, a fact reflected through the ranks and performance at university and competitive examinations by students of the college each year. Moreover, the teachers too work hard towards keeping abreast with the latest trends in their subject by participating in seminar either as resource persons or observer.

- **Maximum co – curricular and extra – curricular opportunities and a scope to tap latent potential:**

The college makes it a point to see the courses and subject are made available to the students. Also remedial course that help to address problems of the students like the proficiency course in English are also conducted by the college. Moreover recognising

that the need of every student is different the college tries to make maximum potential in co and extra – curricular areas.

- **Development of research activities:**

In recognition of the fact that each individual needs to be taught to think independently within the given frame work of the syllabus, the college encourages students to research their syllabus on their own with guidance from the teacher, as is reflected through the projects, paper and power point presentations that they undertake. The teachers also lead the way by undertaking research work through the pursuit of M.Phil., Ph.D. and major and minor projects and publications.

- An awareness of the environment.
- Community orientation and
- An inspiring value system.

Over and above providing the scope to staff and students to fulfil their ambitions, reach their goals and attain their maximum potential the college also creates in them a social outlook and an awareness of their commitment towards the cause of the underprivileged and towards general public good. This is reflected through the contributions of individual teachers and the activities of N.C.C. and the N.S.S.

- An ambience that motivate and
- All around personality development.

The steady and continued achievement of the staff and students of the college and policies of the college ensure a balanced and healthy attitude towards education. The students and teachers

thus find fulfilment and emerge as citizens that would contribute constructively to the future of the nation.

2. New academic programmes initiated (UG and PG):

Nil

3. Innovations in curricular design and transaction:

Curricular design is entirely with the jurisdiction of the university and affiliated colleges have only a limited role in it. However, within these limitations we have tried to introduce an experiment with new approaches and programmes.

Members of the teaching staff hold numerous responsible positions on University committees, which enable them to contribute to important decisions in the teaching learning process.

In addition to this, six faculty members are in the board of studies of the University. Almost all staff members are the members of the syllabus revision committee for Choice Based Credit Semester (CBCS) System for the various under graduate courses of the university.

Ten teaching staffs of the college were prepared the syllabus of 22 courses spread across the three streams, which are planned to include in the new CBCS system. The members of the teaching staff use various innovative teaching methods to simplify the learning process and make it more interactive and interesting.

4. Inter disciplinary programmes started:

UGC has sanctioned two Career Oriented Certificate Courses in Tourism management and Insurance. These courses are being managed by department of Development Economics and department of Business Administration respectively. Also two Career Oriented Courses such as CCIWT and CCCAD are conducted by the Computer Science department. In addition to this, we applied a new career Oriented Diploma Course in Electrical and Electronic Equipment Maintenance by Physics department. These courses are started with the intension of introducing interdisciplinary programmes.

5. Examination reforms implemented:

Departments have less flexibility in examination reforms due to the present affiliation system. However, for internal assessment all the departments have adopted continuous assessments by means of assignments, seminars and unit tests. Majority of the departments have increased the frequency of the class tests especially for the final year so as to maintain constant evaluation and reduce the fear of examinations from the minds of the students. Besides the class tests, two terminal examinations and one model examination were made compulsory for all courses. Examination results are computerised.

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

Three candidates.

7. Initiative towards faculty development programme:

The teaching staffs regularly attend seminars, workshops, refresher and orientation courses either as a resource persons or participants to share and update their knowledge. ***** Specify details

8. Total number of seminars/workshops conducted:

The college has several associations which are usually related to the subjects offered by the college. These associations conduct seminars, workshops and other activities on a regular basis to encourage students and expose them to organisational skills and build in them confidence and leadership qualities.

9. Research projects:

a) Newly implemented: 5

1. The Department of English is working on a UGC sponsored major project file no. of the amount of RS. 4,00000/- under the guidance of Dr. Fed Mathew.

2. (a) A minor research project titled '*Assessment of Employability skills of final year under graduate students of Kasargod District.*' has been sanctioned from UGC.

Duration of the project – 2 years.

Amount sanctioned – Rs 55,000.

Principal investigator – Mr. Biju Joseph

3. Department of Computer Science is working on a UGC sponsored minor project file no. the amount of RS. 60000/- under the guidance of Mr. Thomas Scaria.

4.

5.

b) Completed: 5

1. Department of Chemistry has completed a UGC sponsored minor research project entitled “ ” for two years .

2.

3.

4.

5.

10. Patent Generated If any:

Nil

11. New Collaborate Research Programmes:

Nil

12. Research grants received from various agencies:

UGC major project

Sl.No.	Name of the Faculty	Area of research	Amount
1.	Dr. Fed Mathew		Rs.4,00000/-

UGC minor project

Sl.No.	Name of the Faculty	Area of research	Amount
1.	Mr. Biju Joseph		Rs.60000/-
2.	Mr. Thomas Scaria		Rs. 60000/-

13. Details of research scholars:

Part time – 5 Nos.

14. Citation index of faculty members and impact factor:

Nil

15. Honours/awards to the faculty:

Nil

16. Internal resources generated:

P.T.A. ---

Management

B club

17. Details of departments getting SAP, COSIST (ASSIST) (/DST, FIST etc, assistance, recognition:

Nil

18. Community services:

Over and above the monetary, physical and intellectual contribution of individual teachers to social service, the library, the NCC and NSS regularly undertake activities that reveals a social outlook.

The Remedial coaching centre for minority students is a recognised centre for supporting the minority students in learning process. Also in service training programme conducted for minority students as well as local people.

19. Teachers and officers newly recruited:

Guest Lecturers paid by Government – 3

Guest Lecturer paid by Management – 9

20. Teaching-Non teaching staff ratio:

2: 1

21. Improvement of library services:

For the benefit of the students the library extends its working hours, when examination approaches.

22. New Books/ Journal subscribed and their value:

New books purchased Nos. –

Journals & periodicals Nos.--

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

Especially when a new teacher is recruited in the department the Head of department , who teaches the class gets a feed back from the students, which is then discussed with the new incumbent, so that they can make the required changes in their teaching. In addition to this, a general evaluation form was made to evaluate teachers by students.

24. Unit Cost of Education:

Rs.

25. Computerisation of administration and the process of admissions and examination results, issue of certificates:

We have developed in house software for the admission process and other student administration activities. Examination results are

computerised. In house software has also developed for the preparation of payrolls, p.f details, arrear bills etc.

26. Increase in the infrastructural facilities:

1. Science labs (Physics, Computer Science , Chemistry, Microbiology and Physiology) are furnished with more equipments.

2. Enhanced the computers in the computer lab

3. The audio visual facilities were enhanced with addition of three laptops and two LCD Projectors.

27. Technology up gradation:

28. Computer and Internet access and training to teachers and students:

New broadband internet connection is established in the college and it improves the internet access. Over and above accessing the internet in various departments and in the language lab, students, non teaching staff and teaching staff avail the benefit of the facility at its maximum. The administrative staff of the language lab provides guidance and training to the students whenever needed.

29. Financial aid to students:

30. Activities and support from the alumni Association:

The purpose of the association is to foster and perpetuate friendship, contact and co – operation among the Alimni through publications, informal group meeting and through other means. The association seeks to further social, literacy and cultural interests of the college by maintaining an active channel of communication between the college and the Alumni.

31. Activities and support from the parent Association:

The college is known for its openness and attentiveness in interaction between parents and teachers. Regular interaction is made possible through different occasions like, on a department level meeting are conducted with parents of each year so as to motivate the students and provide guidance.

- Every year PTA gives cash awards to all the University Rank holders in various subjects. This year, **eight** University rank holders from this college benefited from this scheme.
- PTA contributed Rs. 60, 000 for the three phase electrification.
- PTA has contributed Rs. 1,00,000 for the purchase of books to the library.
- The entire fund collected by the PTA is completely utilized for all round development of the students including Arts, sports, cultural activities and development of the infrastructural facilities.
- PTA also finances various quality improvement programmes.
- PTA is having a significant role in the maintenance of discipline and smooth functioning of the college.

32. Health Services:

Regular health check up is made mandatory for all the first year students. First aid assistance is provided by the Department of Microbiology in case of emergencies. For immediate and major health attention students are taken to hospital.

33. Performance in sports activities:

This year's overall sports performance has been excellent as compared to the performance of the last years. The department of Physical Education conducted selected tracks to form college team in

basket ball, volleyball, cricket, football, handball kabaddi, boxing, swimming, weight lifting and athletics. The department fielded ten items in the university inter – collegiate tournaments. Department was conducted university inter – collegiate weight lift championship and won the second place. Department continues to organise intra – mural tournaments separately for the students on departmental basis, which encouraged better and mass participation of students in sports and games. This year due to our varied and constant success we reached 3rd place in the inter – collegiate women’s kabadi tournament and second place in weight lifting for men. Many of the players represented the college at the District and University levels in various events such as kabaddi, basketball, cross country, boxing, weight lifting etc.

34. Incentives to outstanding sports persons:

- 1. A few seats are reserved for sports persons with excellent performance for admission to various courses.**
- 2. The department of physical education gives proficiency award to the best outgoing sports persons both men and women every year.**
- 3. Free food and accommodation were given as part of coaching camp organised for our students in the field of kabaddi, basket ball and boxing.**

35. Student achievements and awards:

- 1. Five students won ranks in various university examinations.**
- 2. Lance Corporal Roshan Jose and Lance Corporal Radhika M. of Second B. Sc. Physics of our college attended Thal Sainik Camp at New Delhi, a centralized camp commanded by the Director General of NCC Lieutenant General Prakash Choudhari.**
- 3. Miss Radhika M. won the gold medal in the Kerala inter group competition in obstacle crossing.**

4. Former Senior Under Officer (SUO) Augustine Joseph of III B.Sc. Physics got placement as Radio Operator in Army Technical Wing by virtue of his NCC cadetship. He was the only SUO of this unit during 2007 -2008 and was the only one NCC entry to Army from the entire group of Calicut which consists of 9 Battalions.

5. B certificate holder Cadet Naveen Kumar of II B.Sc. Physics got placement as Airman in Indian Air force during this year.

6. Cadet Vijay Chand and Cadet Asna were placed in the 5th and 6th ranks in Kerala entrance examination in NCC quota.

7. Three Cadets Corporal Melvin Mathew, Corporal Sumith U. and Corporal Anu James attended National Integration Camp at Kohima in Nagaland from 23-10-2008 to 04 – 11- 2008.

8. Corporal Danish K.R. participated in the National Integration Camp at Panavel, Maharashtra from 19 – 10 – 2008 to 28 – 10 – 2008.

9. Six students were selected to the Kannur University kabaddi, basketball, boxing and cross country.

10. We reached seventh position in the Kannur University Inter – collegiate arts festival among 93 Arts and Science colleges.

36. Activities of the guidance and counselling unit:

Considering the hesitation that students feel in opening up to stranger, the teacher provides extensive guidance to the students on both career and personal dilemmas. This is possible due to the open door policy that the teaching and administrative staffs of the college adopt. Moreover in case of a severe problem the college makes it point to discuss the issue with the family and or refer the students to counsellors.

Career guidance centre

A career guidance centre offers career and course guidance services for students at all levels. It conducts IQ tests and arrange special

programmes for different group of students with the technical and professional assistance of various organisations.

Tutorial Scheme

Students of each class are placed under the personal care of a teacher designated as tutor. The tutorial groups will meet formally at every Thursday. But they will meet informally in small numbers as often as possible. The tutors will discuss with the group under their care, the general and individual problems and difficulties of the students both when they formally meet and on other occasions. Tutors closely watch their conduct and progress and maintain continuous contact with the parents as well as the students.

Grievance Redress forum

Grievance Redress forum is an appellate body to hear and decide on matters related to academic, discipline, curricular and co – curricular activities which could not be settled at the Grievance Redress cell formulated at department level.

37. Placement services provided to the students:

- 1. A training programme was conducted under the auspices of Business Administration department to equip the students to face various competitive examinations and for securing employment opportunity.**
- 2. A full fledged minority coaching centre of our college is established. Students make use of the centre and appear for various competitive examinations.**
- 3. A few students were selected and placed in various industries.**
through campus interviews.

38. Development programmes for non – teaching staff:

Training in computers is provided to the non – teaching staff. The non – teaching staff was trained on regular basis by the senior staff as

and when the need arose on various concerns related to their functioning to increase their efficiencies and effectiveness.

39. Healthy practises of the Departments:

The college not only promotes academic excellence but also the holistic formation of students. Therefore it not only keeps its focus on the curriculum, but also on the curricular and extra curricular activities. With this objective it follows a number of healthy practices a few of which are enlisted as below:

- 1. Regular morning prayer to inculcate ethics and values in students.**
- 2. The college brings out a handbook regularly with academic calendar and the general information about the admission, examinations, discipline staff, committees etc.**
- 3. The college celebrates every year college day, Arts day and sports day to encourage the spirit of creativity and academic and cultural excellence among the students and the staff.**
- 4. P.T.A. is given annually on merit scholarships.**
- 5. Scholarships instituted by well wishers, former principals of the college.**
- 6. Tutorial systems is being reflected to introduce at full length in the next year.**
- 7. Inter collegiate / departmental cultural competitions**
- 8. Department associations focussing on curricular and co – curricular activities.**
- 9. Celebrate of various festivals by students promote religious harmony.**
- 10. Spot collection for national crisis and medical emergencies.**
- 11. Active alumni association.**

So a student goes out of the institution with a sense of self – reliance, discipline and hard work and becomes not only self oriented but also society oriented.

40. Linkages developed with National/ International, academic/

Research bodies:

Nil

41. Any other relevant information the institution wishes to add:

1. Dr. K.K. Anilkumar deputise as District Coordinator of Kudumbasree, Calicut in October 2007.

2. Dr. Dinoj Sebastian joined in the University of Calicut as lecturer in December 2007.

3. The college maintains high academic excellence as evidenced by the results in the University examinations. In the year 2008 – 2009 there were **five Rank holders in various University examinations out of the five degree courses and one PG course conducted by the college.**

4. Importance of value based education has been propagated in a planned and systematic manner to refine the minds and actions of the stakeholders of the college.

Clubs and Forums – Activities

NSS: Major Programmes and Activities

PART C

1. To encourage teaching and non-teaching staff to participate in refresher courses, seminars, workshops, etc.
2. To encourage and help the teachers apply for minor and major research projects.
3. To organise orientation programmes for staff members with experts.
4. To arrange more seminars and invited talks.
5. To acquire more books and journals for the library
6. To offer more personal counselling to students.

7. To strengthen career guidance and placement activities.
8. To widen association and co-curricular activities.
9. To conduct remedial class for weak students at UG level.
10. To conduct coaching classes for competitive examinations.
11. To strengthen alumni activities further.
12. To give more attention to academic activities in order to improve the result and number of rank holders in University examinations.
13. To build up an eco friendly campus.
14. The extension of our present library with reading room.
15. The renovation of Canteen.
16. To construct new class rooms.
17. To improve all the science laboratories.
18. To construct Tutorial room and Common room for ladies.