



# ST.PIUS X COLLEGE, RAJAPURAM

Accredited B+ grade by NAAC, Affiliated to Kannur University

**Rajapuram P.O, Kasaragod District-671 532,Kerala,India.**

Tel:+91-467-2224377,2224777,Fax:+91-467-2224775

E-Mail:stpius@gmail.com, principal@stpius.ac.in, Website:www.stpius.ac.in

## THE ANNUAL QUALITY ASSURANCE REPORT(AQAR) OF THE IQAC

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

**Year of Report : 2006-2007**

### Part- A

The following are the plan of action formulated by the IQAC in the beginning of the year toward quality upgradation and the outcome accomplished by the end of the year.

#### Proposals:

- 1) To construct a seminar hall as an effort to increase the infrastructure of the college
- 2) To strengthen research activities including taking up minor and major projects and conduct seminars.
- 3) To act as a nodal centre for spreading education in human values among teachers, students, parents and the general public of Malabar region of Kerala state.
- 4) To start add-on courses to equip the students with more technical knowledge to face the present competitive world.
- 5) To start the diploma course in interior designing.
- 6) To continue the program of remedial coaching to the average and below average students of this college.
- 7) To gear up the activities of career guidance and counselling centre.
- 8) To add more books and journals to the library.
- 9) To send few IQAC members for training in the process of reassessment and quality assurance.
- 10) To construct a new playground to enhance the sports facilities for the students.
- 11) To introduce a new political code of conduct in the college after discussions and consultations with various stake holders.
- 12) To introduce wireless networking to increase the efficiency of class room learning.
- 13) To introduce interactive website.



14) To introduce staff training programmes for quality enhancement.

### **Outcome:**

To increase the infrastructure facilities of the college, a seminar hall cum two classrooms were constructed. Four add-on courses - CCIWT, CCAPP, Insurance and Instrumentation have been started to enhance the competency of the students in this highly competitive world. To inculcate merit with value, 25 workshops on value-based education were organised with the financial assistance from the UGC focusing on the students, teachers, parents and the general public of Kasaragod and Kannur districts. A senior member of the IQAC was sent to participate in the National Seminar on Internal Quality Assurance organised by NAAC at Sir Syed College, Taliparamba. Various departments took up three new minor projects funded by UGC and two minor projects were completed in the year 2006-07.

As a part of strengthening the library facilities, 837 books and 8 journals were newly added. Bar coding of books completed. A political code of conduct was implemented restricting, any state wide call for strike, to only one-hour protest by the students. Land has been earmarked for the construction of new playground and work has been initiated. A diploma course in interior designing was started. Remedial coaching and communicative English training have been given to the students. Two national seminars were conducted. A science and technology exhibition (EXPO '06) was organised. Career guidance and counselling centre is playing an active role in providing information and training regarding competitive examinations.

A Generator with 64 KV capacity has been purchased to ensure uninterrupted power supply. A generator room was also constructed with all safety measures. The website of the college was upgraded with an interactive design. Orders have been placed for the installation of wireless network in the college to improve classroom learning. NSS and other various clubs have undertaken commendable community extension works.

## **Part-B**

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

Besides giving great attention in the attainment of academic excellence, various other programmes also have been introduced for the over all personality development of the students. To inculcate merit with value 45 workshops on value based education were organised with the financial assistance from the UGC. Various programmes of the NSS units of the college like organising camps, blood grouping and blood donation, AIDS awareness rally, awareness of the viral fever of various types such as Chikungunya, Dengue fever etc. were conducted.

### ***2. New academic programmes initiated (UG/PG)***

Four Add-on courses were started with the approval of Kannur University.



### **3. Innovations in curricular design and transaction:**

As the college being an affiliated institution, the curricular design and revision of syllabus are to be initiated at the University level. However three of our faculty members are in the Board of Studies of the University and have given suggestions regarding introduction of grading and semester system at the UG and PG levels.

### **4. Inter –disciplinary programmes started:**

The four Add-On courses – CCIWT,CCAPP, Insurance and Electronics & Instrumentation were started with the intention of introducing inter disciplinary programmes.

### **5. Examination reforms implemented:**

Exam results are computerized. Besides monthly class tests, two terminal exams and a model examination were made compulsory for all courses.

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

Around Ten candidates.

### **7. Initiative towards faculty Development programmes:**

College authorities organized various workshops and seminars for revamping the faculty. Encouragement is given to the faculty for research, publishing articles/books, and participation in national seminars, refresher courses and orientation programmes. We have conducted Two One Day Seminars and a Workshop for the faculty on quality enhancement.

### **8. Total number of seminars or workshop conducted:**

National seminar	- 2
Workshops	- 25 (As a part of UGC project)
Workshop for teachers	- 1
Seminars for students	- 4
Seminars for teachers	- 3

### **9. Research Projects:**

a) Newly implemented	: 3 (financed by the UGC)
b) Completed	: 2

### **10 Patent Generated if any:**

Nil.

**11 New collaborative Research Programs:**

Nil

**12 Research grants received from various agencies:**

Rs. 2.5 Lakhs.

**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:**

Ph.D awarded to one of the faculty members.

**16 Internal Resources Generated:**

Management contribution - Rs. 12,41,769/-.

PTA - Rs. 3,10,000/-.

Total - Rs. 15,51,769/-

**17 Details of Departments Getting SAP, COSIST/DST.FIST,etc.**

Nil

**18 Community Services:**

- a) NSS units of the college have undertaken various programs such as Blood donation, Blood Grouping, construction of roads and AIDS awareness campaign. A seminar was also organized for the students and teachers on the various measures to control the wide spreading chikungunya disease in South India, especially in the state of Kerala.
- b) The neighbouring families in the nearby colony of the college are being supplied drinking water from the Jananidhi Scheme of the College. The Microbiology Department is also monitoring the quality of the water used by the local people periodically.
- c) The institution is functioning as nodal centre for providing technical support to the local bodies and other agencies.



- d) The college is a centre for disseminating education in human values to teachers, students and parents of schools and colleges in Kannur and Kasaragod districts.
- e) Science and technology exhibition (EXPO '06) was organised for generating scientific interest and temper in the minds of the young generation belonging to the district of Kasaragod. More than 12,000 persons including students, teachers and general public took benefit out of this programme.

**19 Teachers and Officers Newly recruited:**

Guest Lectures Paid by Govt - 3  
 Guest Lectures paid by the Management - 8

**20 Teaching –Non –Teaching staff ratio:**

2:1

**21 Improvement in the library services:**

- a) Bar coding of books completed.
- b) Online catalogue search system improved.
- c) Descriptive catalogue system has been perfected.
- d) Number of books added to the stock: No. Of Books – 837 (2006-07)
- e) First year students are given awareness classes in the use of library.

**22 New Books/Journals subscribed and their value:**

New books purchased: Nos – 837 (Rs. 1,30,390/-)  
 New journals added: 8  
 Total number of journals: Nos--40  
 Total value of Journals/ News papers: (Rs. 12,424/-)

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

Teachers take students assessment regarding their performance and the suggestions of the students are taken in to serious consideration for corrective measures so as to improve the quality of teaching. The principal on the basis of a survey conducted among the students also assesses the teachers and takes note of the pitfalls. Suggestions are communicated to the teachers concerned for making necessary improvements. However in an affiliated system student assessment of teachers is not compulsory.

**24. Unit Cost of education**

Unit Cost Rs.15, 930/-

**25. Computerization of administration and the process of admissions and examination**



***Results, issue of certificates:***

- a) Preparation of merit list for admission to all categories including general merit, Community quota and Reservation quota was computerized.
- b) Examination results computerized.
- c) Preparation of salary bills, P.F details, arrear bills etc... have been computerized.

***26 Increase in the infrastructural facilities:***

- a) Constructed seminar hall cum classrooms with the financial support extended by management, PTA and UGC.
- b) Science laboratories (Physics, Computer Science, Chemistry, Microbiology, Physiology) are furnished with more equipments.
- c) A research microscope was purchased for the microbiology laboratory
- d) DV Direct recorder system was purchased for high quality video encoding.
- e) Land has been earmarked for the construction of new playground and work has been initiated in accordance with the plan prepared by the engineer.
- f) A Generator with 64 KV capacity has been purchased to ensure uninterrupted power supply. A generator room was also constructed with all safety measures.
- g) As this is a rural area where Internet service providers don't provide broadband service, the college obtained a high-speed Internet connection (156 kbps) using WLL technology.
- h) Five new computers have been purchased as a part of office automation.

***27 Technology upgradation***

Use of Internet and e-content authoring supported effective teaching in the classrooms. Three of our faculties got trained in e-content authoring from UGC-ASC, University of Calicut. The website of the college was upgraded with an interactive design. New site is available at <http://www.stpius.ac.in>. The college also provided official email address to all the faculty members. Orders have been placed for the installation of wireless network in the college to improve classroom learning.

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

Teachers and students get computer and Internet accessibility at all Departments, library, and computer centre attached to the computer lab. Students and non-teaching staff are given basic training in the use of Internet.

***29 Financial aid to students***

Students are given financial aid through various schemes such as (a) scholarships (b) Endowment (c) Merit scholarship given by the university and the government (d) students belonging to financially backward sections are given financial assistance by the Management and PTA (e) cash awards are given to the rank holders and proficiency prizes awarded to the toppers in the terminal examinations of each Departments. Agape club of the college provides necessary financial aid to the poor students of this college.



### **30. Activities and support from the Alumni associations**

Since the Alumni association is in an infant stage, it has not been able to contribute substantially to the development of the college. However, each department organises alumni meetings at least once in a year and a general body meeting in the month of October/November. They help the students in career guidance and employment. Alumni make use of various online services like orkut for regular contacts and mutual support.

### **31. Activities and support from the Parent -Teacher Association:**

- 1) PTA has contributed Rs.1, 10,000 for the construction of a seminar hall cum classrooms in the college.
- 2) Every year PTA gives cash awards to all the Rank holders in various subjects. This year six rank holders benefited from this scheme.
- 3) PTA has contributed Rs.77, 500 for the purchase of books to the library.
- 4) PTA contributed Rs. 30,000/- for the conduct of Science Exhibition (EXPO '06).
- 5) The entire fund collected by the PTA is completely utilized for the all round development of the students including Arts, Sports, Cultural activities and development of the infrastructural facilities.
- 6) PTA is having a significant role in the maintenance of discipline and smooth functioning of the college.

### **32. Health Services**

- a) NSS unit of the college distributed preventive medicine for chikungunya to all the students of the college and families of neighbouring colonies. It also arranges health and hygiene awareness programs to the students and local people.
- b) Annual Medical check up is made compulsory for all students as per University guidelines.
- c) The NSS Unit does blood grouping and blood donation every year.
- d) The college organised AIDS awareness rally for the propagation of the need for prevention of AIDS.
- e) In case of emergencies college makes use of the services of Doctors from the near by Government Health Centre.
- f) Dr. K.K. Anilkumar, Head of the Department of Microbiology was invited to give technical advice by the Govt. of Kerala for the effective prevention of chikungunya in the state.
- g) Microbiology department also periodically extends its service for the quality checking and purification of the drinking water sources of the local people.

### **33. Performance in sports activities**

The Dept of Physical education takes keen interest in the promotion of sports and games.

- a) The department conducted Kannur university cross-country men & women championships during the academic year 2006-07. The college secured third position in women's cross-country race.
- b) One student from our college was a member of cross country winning team
- c) The college got third position in the university boxing championship and two candidates got selection to the Kannur University boxing team.



- d) Two students got selected to the Kannur University kabadi team
- e) One student selected to the Kannur University basket ball
- f) The college secured third position in the university level Judo, athletics (women) and swimming competitions.

**34 Incentives to outstanding sports persons:**

- a) To encourage sports persons, the college reserves a few seats in all subjects.
- b) Every year, proficiency prizes are given to outstanding sports persons.

**35 Student achievements and awards:**

- a) Six students won ranks in various University examinations including 2 first ranks, 2-second ranks and 2 third ranks.
- b) Six students were included in the university team for various events such as Kabaddi/Judo/Boxing/Cross country team.
- c) Seven prizes for various Quiz competitions.
- d) NCC units of the college made great achievement in the over all performance in the ten-day camp and one of the students got selected to PRD camp.

**36 Activities of the Guidance and counselling Unit:**

The Guidance and Counselling unit of the College makes available the service of a professional counsellor on every Tuesday to cater to the emotional and mental requirements of the needy students. Department wise orientation programme was arranged for all the five major departments in the matter of Counselling. More than 75 out of 560 students benefited from this facility during the academic year 2006-07

**37 Placement services provided to students:**

- a) A coaching to face competitive examinations for employment opportunity in various fields is given to selected students of the college.
- b) Since the college is having only UG courses, direct campus selection interviews are not commonly conducted by industrial organisations. However, a number of students received placement in various industries.

**38 Development programmes for non-teaching staff:**

- a) Two weeks training in communicative English was given to the non-teaching staff with the initiative of the English department.
- b) Outstation training on Office Management was given to selected non-teaching staff for increasing their efficiency.

**39 Healthy practices of the institutions**

- a) Days activity on the Campus begins with a prayer written and composed by a former student.
- b) Career guidance and counselling has been made more effective.
- c) Remedial coaching for the average and below average students.
- d) Two terminal and Model Examinations conducted besides monthly class tests.



- e) As a part of giving great emphasis on value based education, a three-day value based leadership camp was conducted in collaboration with Dharma Bharathi Asram, Mulanthuruthi, Eranakulam, for the college students.
- f) Meeting of Parents, Students and Teachers to discuss the Progress Report of the students after every terminal and model examinations.
- g) Conducts Campus survey every year.
- h) The 'B club' of college selects the best outgoing student every year and a cash award is given.
- i) One week training in communicative English was given to the freshers entering the college of first DC by a professional external agency from Mangalore.
- j) The implementation of the political code of conduct made with the unanimous decision of the staff, students, parents and political leaders restricting any statewide call for strike to one hour protest in the college is a historic decision. The rest of the hours shall be functioning as normal working day.
- k) Every year an Annual retreat is conducted for the students for the nourishment of spiritual and mental health of the students.

**40. *Linkages developed with National/International, academic/research bodies:***

Nil

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

1. In spite of the fact that the college is situated in the most backward district of Kerala, it maintains high academic excellence as evidenced by the results in the University examinations. In the year 2006-2007 there were 6 Rank Holders in various University examinations out of the 5 Degree courses conducted by the college. Most of the departments achieve nearly 100% results in the university examinations.
2. Importance of value based education and value based living has been propagated in a planned and systematic manner to refine the minds and actions of the stakeholders of the college.
3. The college started four add-on courses as an additional job oriented programme to equip the students to be more competent in the highly competitive world.
4. Published the decennial Souvenir of the college.
5. Conducted a cultural exchange programme under the auspice of NSS unit of the college.
6. Co-curricular activities are regularly conducted to make a family atmosphere in the campus.



## PART- C

### **Detail the plans of the institution for the next year:**

1. As an attempt to provide objectivity to the general extension activities, it has been planed to focus on giving training to selected students and local youth for securing employment.
2. Second phase of the digitalisation process of the library shall be completed.
3. To complete the construction of the new playground.
4. To complete the office automation.
5. To introduce research e-journal.
6. To bring the pass percentage of the students to hundred in the university examinations for all disciplines.
7. To intensify the activities of various clubs to fulfil the goals and objectives of the college.
8. To introduce language lab for the promotion of soft skills.
9. To provide training to teaching and non-teaching staff to familiarise the process of reassessment and quality assurance.
10. To start research centres and new UG and PG courses subject to the sanction and approval of the university and government.
11. To establish a Food Quality Analysis Lab in collaboration with Govt. agencies.
12. All departments have decided to submit major/minor research projects to the UGC during the XI Five Year Plan.

Name & Signature  
of the Coordinator, IQAC

Name & Signature of the  
Chairperson, IQAC