The Annual Quality Assurance Report (AQAR) of the IQAC

Name of the institution : St. Xavier’s College for Women, Aluva
Kerala
Year of Report : 2008 – 09

Part A: Aim
St. Xavier’s College has upheld a holistic education policy in accordance with the C.T.C vision of the foundress Mother Eliswa. We were able to keep abreast of the changing trends and environments of the present day educational scenario. We thank God Almighty for all the blessings and protection showered on the institution and acknowledge and appreciate the harmonious, dedicated and sincere efforts of the management, staff, students, P.T.A and the well wishers.

In the beginning of the year the IQAC met on 17th June 2008 at the Principal’s chamber to chalk out the quality enhancement measures and plans of the year. Decision was taken to introduce a new emblem for the college in the place of the age old emblem of the Carmelite order. The motto is ‘On the path of knowledge, love and service’. This temple of learning aims at leading the students to the path of knowledge that will initiate them to a life of love and service to the society and humanity at large.

Outcome
The learner centre activity bore fruit; clubs emerged stronger than ever boosting talent and student energy. Some clubs ferreted out time space and resources to conduct programmes inside the campus and outside, groomed students to take part in inter collegiate programme and bagged prizes. The social outreach programmes through NSS and, through movements like ‘Joy of Giving’, were able to reach out to the less privileged. Four houses were built for the need. Loving care, attention and donations were handed over to the old age homes and homes for the physically challenged. Women empowerment was fostered through financial independence. The institution teaches the students to be financially independent by seeking to be self-employed and expose them to different emerging trends in societal needs.
Karate classes and Yoga classes helped students realize their inner powers of strength and make them confident.

The academic achievements are proved by the result.

1. Ms. Revathy S – 1st Rank in B.Sc Zoology Conventional

RESULTS

<table>
<thead>
<tr>
<th>Sl No</th>
<th>Name of Course</th>
<th>Performance in Final Exams</th>
<th>No passed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>No appeared</td>
<td>Total No. of passed</td>
</tr>
<tr>
<td>1</td>
<td>Maths</td>
<td>34</td>
<td>27</td>
</tr>
<tr>
<td>2</td>
<td>Botany</td>
<td>34</td>
<td>34</td>
</tr>
<tr>
<td>3</td>
<td>Zoology</td>
<td>27</td>
<td>25</td>
</tr>
<tr>
<td>4</td>
<td>Economics</td>
<td>61</td>
<td>50</td>
</tr>
<tr>
<td>5</td>
<td>Malayalam</td>
<td>50</td>
<td>45</td>
</tr>
<tr>
<td>6</td>
<td>Physics</td>
<td>24</td>
<td>23</td>
</tr>
<tr>
<td>7</td>
<td>B.Com</td>
<td>51</td>
<td>48</td>
</tr>
<tr>
<td>8</td>
<td>English Lit.</td>
<td>52</td>
<td>49</td>
</tr>
<tr>
<td>9</td>
<td>Chemistry</td>
<td>27</td>
<td>27</td>
</tr>
<tr>
<td>10</td>
<td>Comm.Eng</td>
<td>39</td>
<td>39</td>
</tr>
<tr>
<td>11</td>
<td>Zoology(V)</td>
<td>11</td>
<td>11</td>
</tr>
<tr>
<td>12</td>
<td>M.Com</td>
<td>21</td>
<td>21</td>
</tr>
<tr>
<td>13</td>
<td>M.Sc Physics</td>
<td>14</td>
<td>11</td>
</tr>
<tr>
<td>14</td>
<td>M.A English</td>
<td>12</td>
<td>8</td>
</tr>
<tr>
<td>15</td>
<td>M.Sc Microbiology</td>
<td>4</td>
<td>3</td>
</tr>
</tbody>
</table>
Part B

1. Activities reflecting the goals and objectives of the institutions:
The diary cum calendar states that the St. Xavier’s College envisages at the empowerment of women enabling them to live a respectful life, fulfilling their individual and social responsibilities. Decision was taken to improve the communication skills by issuing newsletter half yearly and a manuscript by every department. Since the college focuses on women empowerment, the entire activities centers round this main objective. By catering to a student population that hails from rural, semi urban background special efforts are taken to evaluate them at the entry level to gauge their potential and possible level of competence. Confidence is infused into them through a number of personality development programmes and seminars. In order to conscientize them on to their effective role in society and social responsibility a number of community related programmes are organized. Value education is rendered through spiritual formation sessions. Efforts are taken to foster harmonious relationship and sense of eco friendliness.

2. New academic programmes initiated (UG and PG):
A Remedial Coaching in Mathematics, Botany, Sanskrit and English for students of minority community is conducted regularly in the college as part of the project of the Ministry of Minority Affairs.

3. Innovations in curricular design and transaction:
The Internal Quality Assurance Cell of the college meet regularly and discuss all the major issues and plan out activities. This year IQAC took the initiative for institutionalizing mentoring system. ‘Xaverian Imprints’, the news letter of the college was released on 21st October 2008 by Mr.Roshan Andrews, a well known Malayalam film director. Ms.Lima Antony and Ms.Min V.S of the Dept. of English are the editors of the newsletter which mirrors all the significant activities of the college in a panoramic view.

4. Inter-disciplinary programmes started:
The new curriculums fostered inter disciplinary optional papers and common papers like which made the students and the faculty more interactive.
5. Examinations reforms implemented:
   Apart from the semester and year end university examinations, the internal
   assessment system which includes seminars, assignments and viva voce which
   helps the students to be more communicative and interactive.

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

<table>
<thead>
<tr>
<th>Name of the Candidate</th>
<th>Department</th>
<th>Qualification and Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Divya Chelakkara</td>
<td>Malayalam</td>
<td>MA, Lecturer</td>
</tr>
<tr>
<td>Sinu Varghese</td>
<td>Malayalam</td>
<td>MA, Lecturer</td>
</tr>
<tr>
<td>Nikitha Xavier</td>
<td>Malayalam</td>
<td>MA, Lecturer</td>
</tr>
<tr>
<td>Sujitha K.N</td>
<td>Chemistry</td>
<td>M.Sc, Lecturer</td>
</tr>
</tbody>
</table>

7. Initiative towards faculty development programme:
   The following teachers opted for research work under FIP in year 2008-09
   1. Smt. Milon Franz
   2. Smt. Cicily Pearly Alex

8. Total number of seminars / workshops conducted
   13 Seminars and workshops were organized under the auspices of various
   departments and associations.

9. Research projects
   a) newly implemented:

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
<th>Name of the Project</th>
<th>Date</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Ansa Alphonsa Antony</td>
<td>Statistics</td>
<td>“Non-parametric estimation of bivariate survival function of competing risk model</td>
<td>2008</td>
<td>95000/-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>under depending sensor”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dr. Aparna Lakshmanan S.</td>
<td>Mathematics</td>
<td>“Studies of graph parameters under various graph products”.</td>
<td></td>
<td>100000/-</td>
</tr>
</tbody>
</table>

10. Patents generated, if any: Nil
11. New collaborative research programmes : Nil

12. Research grants received from various agencies : UGC, NBHM

13. Details of research scholars:
   1. Smt. Milon Franz
   2. Smt. Lima Antony
   3. Smt. Mini V.S.
   4. Smt. Cicily Pearly Alex
   5. Smt. Mercy Varghese

14. Citation index of faculty members and impact factor:
   Dr. Aparna Laxmanan S.
   • Research paper “Gallai and anti- Gallai graphs of a graph” in the journal “Mathematica Bohemica” is cited by 2.
   • Research paper “Clique irreducibility of iterated classes of graphs” in Math. Graph Theory is cited by 4.
   • Research paper “Clique irreducibility and clique vertex irreducibility of graphs” in Discrete Mathematics is cited by 1.
   • Research paper “the t- property of some classes of graphs” in Discrete Mathematics is cited by 2.
   • Research paper “Cographic and global cographic domination number of a graph” in Ars. Combinatoria is cited by 2.

   Dr. Ansa Alphonsa Antony
   • Research paper “Estimation of distribution function in bivariate competing risk models” is cited by 2.
   • Research paper “Bivariate competing risks models under masked causes of failure is cited by 1.

15. Honors /Awards to the faculty:
   Dr. Aparna Laxmanan S. received State award from KESACS and TERUMO PENOL for blood donation motivator and Sevana award from Kerala Action Force for the year 2010-2011.
16. Internal resources generated:
   Association with Tata Tea and other agencies and PTA.

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

18. Community services
   The college has 3 NSS units functioning effectively under the leadership of the
   programme officers Ms.Sheena Xavier, Ms.Latha Devi P.K and Ms.Aparna
   Lakshmanan S and the volunteer secretaries Ms.Anju Unni, Ms.Darsana T.S, Ms.
   Felsy Felly and Ms. Chitra N Kutty.
   This year three blood donation camps were conducted and the Red Ribbon
   Express Team was given a grand welcome in connection with giving AIDS
   awareness to the public. Mrs.Annie Alias, Aluva was the beneficiary in the 4th
   NSS Bhavan construction. They were assisted by PTA, Kerala Action Force and
   Aluva Municipality. The unit could arrange legal literary classes for the II DC
   students. It is proud to acknowledge that our NSS unit could start a pain and
   palliative care unit this year. A rally was organized in connection with the
   Worlds Aids Day. The volunteers took active participation in projects of Aluva
   Municipality like planting vegetable garden in schools, house construction,
   ‘Sthree Padavi Padanam’. They visited some charitable institutions. Our NSS
   unit was selected as one of the best five units of M.G University and
   Mrs.Parvathy T.P, Mrs.Sheena Xavier and Smt.Latha Devi P.K were chosen as
   the best programme officers. Hearty Congratulations to the Programme Officers.
   The NCC Unit also was engaged in community service programmes they are the
   following:-

   1. Sherin Tom Mathew, Senior under officer participated in the 2008 Republic
      Day Parade and was selected to visit a foreign country under the Youth
      Exchange Programme.
   2. Cadet Pooja of III DC Zoology participated in the 2009 Republic Day
      Parade.
   3. 31 cadets attended the Annual Training Camp at U.C College, Aluva.
      Cadet Lakshmi Omanakuttan was the second best firer of the camp. Cadet
Vidya Balakrishnan was selected as the second camp senior. We also got the third prize for the parade.

4. Cadets Lakshmi Omanakuttan and Sreekala attended the Pre-Tal Sainik Camp.

5. Cadets Sherin Tom Mathew and Lakshmi Omanakuttan attended the attachment camp at Officers Training Academy at Chennai. They were the two cadets among the three selected to attend the camp from Kerala & Lakshadweep.

6. Cadet Soumya Sagar attended a special National Integration Camp at Kakkinada in Andhra Pradesh and cadets Nimisha Varghese and Bincy Boban attended the National Integration camp at Kothamangalam.

7. Cadets Vidya Balakrishnan, Soumya Sagar and Udaya Surya have been selected to do a water rafting expedition at Bhoothathankettu.

8. AIDS Rally was conducted on 1st December by our cadets.

9. Under the leadership of NCC cadets the Independence day and the Republic day were celebrated.

19. Teachers and officers newly recruited : No appointment was made during the report period. Adhoc and Guest Lectures were appointed by the management.

20. Teaching – Non teaching staff ratio : 54: 27

21. Improvements in the library services

The activities of the library week from 12th January to 16th January 2009 included book exhibition and book talks. Interdepartmental competitions on paper clip albums, reading club activities, library quiz, news reading, the best library user award, student news bulletin board etc were some of the programmes organised by the library committee.

22. New books/ journals subscribed and their value

| Total No. of books added on 2009-10 | 1257 |
| CD’s | 18 |
| Cost (Books) | |
| SC/ST Grant | 48266.00 |
| Off Campus | 26.166.00 |
Management : 6617.00
Office : 41194.00

Newspapers, Journals, Magazines & Periodicals
Newspapers, Magazines, Periodicals : 6704.00
Journals : 28689.00

23. Courses in which student assessment of teachers is introduced and the action taken on student feedback.
All the courses have a system of student assessment of teachers. Remedial coaching was given in Mathematics, English, Botany and Sanskrit for the weak students.

24. Unit of cost of education : Rs.19890/-

25. Computerization of administration and the process of admissions and examination results, issue of certificates
All the departments and the administrative block are computerized. The college has got a well established system with apt softwares for the process of admissions and examination results and issue of certificates.

26. Increase in the infrastructural facilities
A new emblem with motto “On the path of Knowledge, Love and Service”. The construction of lift in St. Joseph’s block is in progress.

27. Technology upgradation
The Computer Centre having 50 computers is open for all the staff and students. All the departments are making use of their computer facilities. Everonn Virtual Class gives the privilege of satellite learning.

28. Computer and internet access and training to teachers and students
Departmental computers are all upgraded with internet connection and teachers were given training sessions to use soft skills.
29. Financial aid to students
The following are the various financial supports to the students.
- Endowment Prizes
- State merit Scholarships
- Fee Concession
- Muslim Scholarships
- KPCR Fee concessions.
- Proficiency Prizes
- Students Aid Fund scholarships.

30. Activities and support from the Alumni Association
Tailoring and Yoga classes arranged by OSAX are in full swing. Spoken English and Computer Science classes for the backward community students were also conducted with the financial aid extended from Tata Tea Ltd, Kochi. It is done with the motive of enhancing employment opportunities for the students.

31. Activities and support from the Parent Teacher Association
A very innovative decision was taken in the general body meeting of PTA to introduce uniform for the students from the next academic year. A three day seminar on “Stress Management” by Dr. Ratheesh Ambatt was conducted for the outgoing students on 8th, 9th and 12th of January 2009 under the banner of PTA

32. Health Services
Annual Medical Checkup is conducted
Several blood donation camps were conducted

33. Performance in sports activities
The Physical Education Department organized the 15th Msgr. Augustine Maveli Memorial South India Inter Collegiate Volleyball tournament and Smt. Mercy Kuttan, Olympian, inaugurated the tournament. Teams from different Universities participated. Olympion Sri. K.M Binu distributed the prizes to the winners. 15th Rev. Sr. Redempta Memorial South India Intercollegiate Basketball championship was inaugurated by Dr. Mary Fatima Cross, Dept. of English and teams from All Over Kerala participated. Shri. Vivek V,
international basket ball player and Inspector, Central Excise, Customs, Kochi, distributed prizes.

Our Basket ball team won the following trophies.

1. Runner’s Up Trophy and a cash award of Rs.7500/- in the South India Level 16th Karunya Evangeline Memorial Basketball Tournament held at Karunyanagar, Coimbatore.

2. Runners up position in the M.G. University Intercollegiate Basketball Championship and in the first All India Inter Collegiate Basketball Tournament for P.M Paily Pillai Memorial Trophy for Women organized by St. Peter’s College, Kolenchery.

3. Winners Trophy in the U.C Cup Basketball Championship held at U.C College, Aluva and in the Fr. Victorian Memorial All Kerala Intercollegiate Basketball Tournament organized by S. H College, Thevara.

4. Runners up trophy in the All Kerala Basketball Tournament held at YMCA, Kollam.

Ms. Lisha M.D was the member of Kerala State team for the Junior National Basketball Championship held at Rajasthan and also in the Senior National Basketball Championship held at Surat, Gujarat. Ms. Anumol P.C participated in the South Zone Basketball Championship held at Bangalore. Ms. Anumol P.C, Ms.Pravisha.K, Ms.Linda M.J and Ms.Lisha M.D were selected to represent the M.G. University Basketball team. Three of our basketball players, Ms.Leena Jacob, Ms.Pinky Sebastian and Ms.Ragi Sajeevan represented Kerala for the Women’s National Basketball Championship held at Orissa.

The Volleyball team won the following trophies.

1. Runners up trophy in the All Kerala Volleyball Championship held at Kalady, District Volleyball Championship held at Chettikad and in the 62nd Fr.Malesius Memorial All Kerala Volleyball Tournament organized by S.H College, Thevara.

2. Our Volleyball team secured the fourth place in the M.G University Intercollegiate Volleyball Championship held at SNM College, Maliankara.

Ms. Nimisha Joseph, Ms.Reshma V.S, Ms.NIji C and Ms.Anila M.J participated in the Youth State Volleyball Championship and we got 3rd prize. Kum. Resma
V.S, Sijy M.T, Nimisha Joseph & Rehana Sadau participated in the Senior State Volleyball championship held at Calicut.
The Athletic team participated in the 52nd Ernakulam District Athletics Championship held at Maharajas College and we secured the team championship in Girls under 20 section.
The Kabbadi team secured 4th place in the M.G University Kabbadi Championship and Kum Divya K Dinesh got selected to the M.G University Kabbadi team. Our Health Club is functioning for the use teachers as well as students. The Sports Day was celebrated on 23rd January, 2009. Mr. Soul Sebastian, was the Assistant coach for the winning Kerala team in the National Youth Volleyball Championship held at Angamaly.

34. Incentives to outstanding sportspersons
Gold medals are given to outstanding sports person by PTA.

35. Student achievements and awards
Ms. Revathy S – Ist Rank in B,Sc Zoology Conventional
Ms. Seena Joseph – IInd Rank in B.Sc Zoology Vocational.
Ms. Lakshmi Das – Secured Ist Rank in B.A Malayalam after revaluation.
The election to the students council was conducted according to the parliamentary system. The office bearers for the academic year are as follows.

  Chairperson : Anju Unny
  Vice Chairperson : Thanooja Beegum
  General Secretary : Reshma Elsa Xavier
  Arts Club Secretary : Rameesa Rasheed
  Magazine Editor : Arya Vijayan
  U.U.C’s : Vineetha Peter & Sethulakshmi B
  1st year Degree Rep. : Deepa Tomy
  2nd year degree rep : Thanseem Syed
  3rd year degree rep : Aswathy Sethunath
  1st P.G Rep : Lishma George
  2nd P.G Rep : Abeena Hussain
The Students’ Council was inaugurated by Dr.V.A Joseph, Chairman & CEO of South Indian Bank Ltd and Arts Club by Dr. Ajmal Ameer, the Cine Artist. Ms. Joan Sabu was crowned as Miss. Xavier’s. The first year degree students were given a warm welcome and talent day for the freshers was celebrated. Onam Celebration included competitions in Pookalam, Onapattu, Malayali Manka and cultural heritage presentation. Our students participated in the ‘Deevangi’ programme organized by ‘Kairali We Channel’. The College Youth festival ‘Xaverian Faces’ was organized. 92 students actively participated for various competitions in the M.G University Youth Festival. Thiruvathira, Margamkali, Oppana, Group Song – Eastern and Western, Mime and Skit were the group items contested. We got 2\textsuperscript{nd} prize in Mime, 3\textsuperscript{rd} prize in Margamkali and 3\textsuperscript{rd} prize in Skit. Ms.Chin chu Surendran got 2\textsuperscript{nd} prize in Malayalam Essay Writing Competition.

A workshop on fabric painting and seminars on topics like animation, career options, personality development, general knowledge and interview skills were conducted by the college union. The X’mas and Xaverian Day celebration included a Solemn High Mass, competitions on Carol Singing and tableau.

The E.D Club together with the Women’s Study Centre and the NSS unit came up with a novel idea of “attaining self-sufficiency through agriculture with community participation. The banana plantation was a great success. Our students took part in the Diabetic Rally and attended seminar along with the members of IMA and Co-operative Medical College.

The students of B.A Communicative English embarked on their FEST-O-ICE (Festival of information, Communication and Entertainment) programme in November 2008 with the title ‘NAVARANGI 2008’. Major Ravi, the reputed film director inaugurated the event. Competitions in theme dance and Greek mythological attires were conducted. It was a successful venture in event management by the Communicative English students.

The Tourism Club members participated in the SAAF Athletic Championship held at Maharajas Synthetic Track. The World Tourism Day was celebrated on 27\textsuperscript{th} September. Ms. Mary Liya, Programme Officer of Seva who was the first student Co-ordinator of the Xaverian Tourist Club, spoke on Tourism and Hospitality Management. Ms. Dimple Joseph, the student co-ordinator was elected as the Secretary of the first State Co-ordination Committee of Tourism.
Club and Dr. Shyla Papoo, the Ernakulam District Teacher Co-ordinator was nominated to the committee. The teacher and the student co-ordinators participated in the Annual State camp at Kumarakom and the three day Zonal Co-ordination Committee Workshop at Sulthanbatheri.

The Women’s Study Centre of the college is functioning well under the guidance of Ms.Parvathy and Ms.Binu Correya. Dr.(Prof) Mary Matilda from Maharajas inaugurated the activities of the unit for this year in the meeting presided by Rev.Mother Daphne CTC, General Manager and Superior General. Rev.Mother released two books – ‘Springs of Grace’ and ‘Showers of Blessings’ written by Rev.Sr.Prescilla CTC. The volunteers participated in the World Diabetic Day and Anti Dowry day programmes. One day workshop on paper bag and bouquet making was conducted. The centre conducts karate, violin and organ classes.

36. Activities of the Guidance and Counselling unit

Guidance and Counselling unit are functioning effectively under the leadership of Rev.Sr.Rose Mitty. The final year degree students were given classes on ‘How to Handle Teenage Problems’ by Rtd. Prof. Antony of Cochin College. Drop outs, students who have stress and strain are given whole hearted guidance and support.

37. Placement services provided to students

Career-oriented programmes on MBA, Logistics, NIIT, Digital media industry and Medical transcription were presented to the students by the respective organizations and subject experts. Aptitude tests were administered by various Career Launcher groups. The Placement Cell organized a seminar on Group Discussion and Interview techniques which was conducted by Mr. Premal Austin from Chennai and a five day programme on “Get the edge” by Dr.Rateesh Ambat to initiate the students towards an inner and outer transformation, inculcating self-motivation, high level of team building skills. Placements were conducted by IBM from Bangalore, ICICI, On-line registration by WIPRO, and the Taxilla Group from Infopark, Kakkad, Cochin.
38. Development programmes for non-teaching staff

The non teaching staff is given motivation classes on skill management and administration. Various group tasks, annual tour, and celebrations on various occasions give them ample opportunities for development.

39. Healthy practices of the institution

Every day the college activities start with a morning prayer which is followed by thought for the day and national anthem. Mentoring, personal counselling, orientation programmes and annual retreats are useful for the students to maintain a healthy outlook towards life.

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

Dr. Sr. Benedicat Mary A. is a Life member of IMA.

Dr. Aparna Lakshmanan S. is a Life member of
- Indian Mathematical Association
- Academy of Discrete Mathematics and Applications
- Ramanujan Mathematical Society

41. Any other relevant information the institution wishes to add

St. Xavier’s in its committed endeavor for finding new dimensions to full fledged growth of women power, would no stone unturned: its relentless pursuit is an ongoing journey which all stakeholders partake of with zest and interest, since it is important to enjoy the journey as well as to focus the larger end in view.

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

2. College Governing Body meeting
3. IQAC meeting
4. Admissions
5. Welcome to freshers and orientation programme to parents and new comers.
6. College Council election
7. Inauguration of College Students’ Council and its activities
8. Inauguration of the activities of various organizations and departmental associations.
9. College council Meeting
10. First Internal Assessment Examination
11. Open house
12. Onam Celebrations
13. Beginning of Value education and catechism
14. College retreat
15. College Council meeting
16. II Internal Assessment Examination
17. Open House
18. Christmas Celebrations
19. Xaverian Day Celebrations
20. Model Examination
21. College Council Meeting
22. PTA General Body meeting
23. College Day celebration, farewell for retiring Staff
25. Forward Internal Assessment Marks to the University.

Name & Signature of the Co-ordinator

Name & Signature of the Chairperson