
Annual Quality Assurance Report 2008-09



**St Xavier's College
Ahmedabad-9
www.stxavierscollege.net**

Part A

The plan of action chalked out by IQAC in the beginning of the year 2008-09, towards quality enhancement and the outcome achieved by the end of the year.

IQAC has tirelessly worked towards quality enhancement at St. Xavier's College. We have meticulously tried to follow and implement activities to lead the institute in the direction of progress. This report reflects the path that the institution has tread in order to advance towards better standards of quality. The structure followed this year to foster growth in quality was departmental meetings where performance was reviewed and remedial measures were proposed. This was followed by faculty meetings where sharing various initiatives and programmes for mutual enhancement of learning to implement quality was worked out.

It should be noted that, a new Principal (Fr Vincent Braganza SJ) took charge from November 2008 after Fr Francis Parmar SJ took voluntary retirement. Hence the this report represents the achievements of the College under two different leaderships.

The proposal and the reports of some of the departments are given below.

ACTION PLAN FOR THE ACADEMIC YEAR 2008-2009

CHEMISTRY DEPARTMENT

Expected Results.

On the basis of college preliminary exam February 2008 we expect 5 to 10% increase in the results of F.Y., S.Y. & T.Y.B.Sc. in the university exams.

Strategies/ Activities to achieve the results.

We plan for periodical follow up of the class tests, seminars and practicals of our students. This will improve interactions with the students, understanding of student's difficulties and hence will improve the results.

We plan to form star and weak groups of S.Y. & T.Y. students to improve their involvement and results.

We plan to use new technologies to develop interest in the subject. E.g. internet, use of audio-visual aids.

The indicators to measure the results

We plan to discuss with students (especially weaker students) about their results with compare to last exam and also plan to study results of whole F.Y, S, Y and T, Y. BSc. chemistry class results with compare to university results.

We plan to discuss and solve the subject problems with weaker students in small groups. for more practical exposures we plan, one or two industrial visit followed by discussion about the visit

We encourage our students for other activities and active participation in seminars, workshops etc. at state or national level.

MATHAMATICS DEPARTMENT

Present system:

Teacher centre: students work less; do not take responsibility for their learning.

Passive notes taking: time may lead to indiscipline.

Teacher as facilitator:

Promotes self-learning; when students ask questions an find the answers for themselves, they get involved in their own learning.

Will produce confident adults with positive attitudes and skills who can work independently as well as part of a team, this increases their employment potential.

Less discipline problems in class.

Challenging environment for the faculty.

Expected negative outcomes;

Students are mainly interested in getting good grades as they have to compete in the same system as students from other colleges. Weak students may get intimidated

Strategies to achieve the results

Team work and group learning; allowing more time for reflection.

Provide resources, meaningful thought provoking assignments, and worksheets etc that promote self-learning.

Applying knowledge across fields; cooperative work with other disciplines

In T.Y.B.Sc. At the beginning of the year, we generally have tried to follow these techniques even earlier: we give home-work problems that the students are required to solve: organize seminars etc .But the moment the first exam dates are announced, their whole attitude shifts. Only interested in cramming and reproducing,

We can experiment with only the T.Y. classes by changing our methods of assessment. We could do away with the mid term exam and instead assess them through seminars attended by the entire faculty and jointly evaluated by them. At the end of the year they could submit a project of the work done by them through the year.

Continuous evaluation over three year evaluation documented systematically so that we can monitor the progress. Regular faculty + student dialogues wherein guidance is provided.

Exposure to recent developments in the subject, applications etc.

Indictors to measures the results:

Continuous progress report accessible to faculty, Job placement records, admission to institutes of higher learning, employment prospects, Participation in subject related activities, Social and civil contributes, General sensitivity, care for environment.

STATASTICS.

Statistics is a user's subject. So the job opportunities for statistics are more in industry, government, education, health care, social sciences etc. to fulfil this demand we should admit more number of students in statistics as S.Y.B.Sc. And T.Y. B.Sc. level. Many colleges do not offer statistics at any level. Very few colleges offer statistics at S.Y. B.Sc. and T.Y.B.Sc level only. Hence we should admit such students in our college at S.Y. B.Sc. and T.Y .BSc .level.

The number of students in T.Y. BSc. in our college is very less. So to improve the strength we should allow transfer from subject with more number of students to less number of students, if a student wishes to do so. In yester of yester at S.Y. level in3 papers of principal and 2 paper of subsidiary subjects were offered, which was unfair as a student could know about a subject only after he/she studies at S.Y. level. So the new system of 3 papers of each was launched. Hence there is no question of principal and subsidiary subject at S.Y .level. A student should have free will to choose any of the two subjects at T.Y level within the requirement of equality of number of students.

To improve student interpretation encourage them to ask questions / difficulties etc. generate some kind of curiosity / interest in the subject the story.(miser ?!)

DEPARTMENT OF PHYSICAL EDUCATION

PHYSICAL EDUCATION (SPORTS):- UNDERSTAND THE STUDENTS PROBLEMS.

Physical education is a part of general education and department of physical education have many sports (games). Each game consist different characters of fitness. As we know that no individual have same traits or in other word each require different skill and ethnic to achieve goals because of different requirements students involve in that have different problems.

Individual games have different problems than team games. For example-individual games require equipment which is different from individual to individual Athlete require spikes, shoes, badminton, shuttle cock etc. Team games have different requirement, skin gourd, and football shoes. Some students are not able to buy it and they do not tell also. These problems should identify from different sources to avoid injuries.

Consider the institution as their own:- students are representing college thus it is very much require in students to have feeling of own ness toward the institution without this student will not have fighting spirit during games which will lock confidence we know that confidence have great role in winning as well as in developing discipline. A sport gives opportunity to develop personality.

Give all his knowledge to the students: - I will try to give knowledge to students by calling experts of different sports. And former students who have performed well at national and international level.

SANSKRIT DEPARTMENT

Sense of self discipline.

Enhance self esteem.

Look forward to create social harmony among the students.

Apply new technology to develop interest in the subject.

Sense of self discipline.

We always look forward to inculcate the sense of self-discipline among the students. For this purpose, we implement the method of counseling. At the same time by; discussing human values in the class, try to make them realize the value of self-discipline.

Enhance self-esteem.

For this, we often ask the students to do class presentation. By exhibiting positive attitude, we appreciate them. At the same time we must note that various subjects of Sanskrit themselves are a great asset. We make our presentation in such a way, which can guide them towards improvisation.

Look forward to create social harmony among the students.

We do accept that groupies are a weak point, which certainly create some distance amongst the students.

We look forward not to allow such a groupies in our classes. We would try to mingle them among each other. For this we plan to make them prepare notes, presentations, etc. by helping each other. Further on, we may arrange outing twice or at least once a year. We can also take interest in their problems and that way try to bring harmony among them.

Apply new technology.

In order to enhance interest in the subject we always apply new methods. Last year we had arranged a power-point presentation, chanting of Vedic hymns, guest lectures.

In the new academic year also we would apply the same. Apart from it, we plan to take them for an educational trip. Further on, we plan to involve the students in the presentation of the various scenes of Sanskrit dramas, Sanskrit days.

PSYCHOLOGY DEPARTMENT

EXPECTED RESULTS

Implement experiential learning in the teaching process

To generate the students' interest in the subject

This would lead to the students' being highly motivated to gain conceptual clarity

Combining theoretical with practical not only strengthens the students' theoretical knowledge but helps the students' to have a better in depth idea about its utility aspect

And inculcate research attitude

Inculcating attitude towards research creates an awareness about methodology and helps in gaining an analytical ability about the research problem or area of study

Practice the art of appreciation with the students in the class and also with departmental members

Develop effective communication skills

Enhance interpersonal relationships

Being sensitive to others' around both students and departmental members

We will be learners' first and then teachers to be good facilitators

Progressing from personal growth towards professional growth

ACTIVITIES TO ACHIEVE RESULTS

Implement experiential learning in the teaching process

Field visits to gain first hand experience and become sensitized to the existing reality i.e. being exposed to the practical part of the area of study

And inculcate research attitude

Helping the students to prepare and present papers in classroom, seminars and conferences

Make the final year students undertake minor study related to administration of a few psychological tests and application of simple statistical techniques

Practice the art of appreciation with the students in the class and also with departmental members

Due recognition will be given to departmental members and students which would work as positive reinforcement for their efforts or contributions related to the academic growth as well as personal growth

We will be learners' first and then teachers to be good facilitators

Attending workshops to enhance facilitation skills and also encouraging students to attend the same.

INDICATORS TO MEASURE THE RESULT

Based on the activities undertaken, the students will be asked to submit reports

Evaluation of the students' participation and performance will be made on the basis of group discussion at the departmental level.

Part B

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

St. Xavier's College, Ahmedabad, is founded in 1955, with the following aims, (the College Prospectus, pp 2-3):

To provide students with an environment for the all-round development of their mental, physical, aesthetic, social and spiritual potentials, together with the attitude of integrity, hard-work, honesty, fairness, and tolerance, so that they give of their very best. Excellence in these fields is to be interpreted in terms of putting the skills developed in each of them at the service of the socially discriminated groups in our country with a view to setting up a society where all have equal opportunity as children of God.

In explicit terms priority will be given:

- a. To discover and develop the academic and intellectual skills of the staff and students of the college through projects attempting to potentiate the technological ability of the backward areas of our country;*
- b. To develop methods and programs that will help enhance the potential of socially discriminated groups;*
- c. To increasingly involve staff and students in setting up the necessary structures and infra-structures of responsibility and accountability to make the education of the students a participatory process.*

All these are geared towards bringing about a society that is based on human values.

All round development

Within the existing framework, we try to provide as many inputs of intellectual, aesthetic, ethical, physical formation as possible. The College maintains a very high level of academic excellence. The college is re-accredited with the highest given grade of A+ at the re-accreditation in 2007 and the College has done well in almost all the fields. It has the privilege of being the first in the state to receive the best college award from the Gujarat Government. Apart from the NAAC accreditation, the College has also got the status of CPE, the only kind in the state.

The College provide an atmosphere that inspire students to strive to acquire values dear to this institution like patriotism, honesty, dedication, discipline, freedom, tolerance an leadership students are motivated to excel in academic as well as participate in a wide variety of co and extracurricular activities that the college offers.

Intellectual development

Though we are not free to design our own courses and assessment, we are free to evolve our teaching methods and inculcate critical and lateral thinking in and through teaching and thereby contribute to the formation of an intellectual life of a student. Most of our staff members try to create innovative teaching methods and help us achieve that goal. Students are encouraged to present class seminars, participate in academic activities at local, state, national and international levels. A number of faculty too participate in national and international seminars and present their research findings. They also publish research papers and books.

Physical development

The College has tried to be very alert to learning outside classrooms and this takes various forms. First and foremost, we have wide-ranging sports activities. The College has a 26-acre campus with football, hockey, basketball, cricket, paleta, handball, tennis courts as well as a 400 metre track for running, pits for high jump and long jump, areas for poll vault, discuss and javelin throw. The gym provides facilities for judo, boxing and mat events. Table tennis and chess are the indoor games available. The College gives admissions on the basis of sports, yet making sure that the sports persons' academic progress does not suffer. Though the government provides for only one sports director, the college has different coaches for different field and track events and games.

Aesthetic development

The College has slotted two hours on every Saturday to provide a fixed forum to students for expressing their talents. These activities that take place through the year, culminate in a cultural festival. It must be mentioned that these activities and the cultural festival are both organized by students in consultation with a staff team under a group activity called *students' activity*. This team meets every Wednesday to chalk out plans as well as to

introspect. Saturdays are set aside for cultural activities. The college has a huge hall with a capacity of 900 chairs, a conference hall with a capacity for 100 people and an AV room. These facilities are used for these activities. This core team monitors the preparation for the university youth festival. The college has kept up the tradition of bagging the highest number of awards at the youth festival. Its students have been selected all the way up to the national level. Annual cultural festival is another major event the core team organises. The students raise funds for this purpose and manage the show under the guidance of the faculty. This ensures the development of not just aesthetic but also organizational and managerial skills.

Social development

Keeping in mind our social responsibility, admissions are granted to SC, ST, OBC minority, physically and visually challenged students, even if they have lower marks in the qualifying examinations. Though their initial performance is poor, they go out with much better results and more than that, self respect, self confidence and high self esteem. Remedial and bridge classes are conducted for such students to supplement regular classes.

To take care of the social potentials, NSS, NCC are given special attention. The College had introduced Social Service activities since 1958. When NSS was introduced in 1969, we already had an infrastructure to launch into it fully. The College premises are given to the Xavier Centre for Development (XCD) in the evenings for the last 31 years for remedial classes for the neighbourhood slum children. Some of the college students take up work with this group of children as part of their NSS commitment.

Two full time counsellors are appointed by the management to take care of the psychological needs of the students. Psychological well being is also taken care of in collaboration with BSC an NGO on campus with expertise in the field. Another NGO, the Federation of Academic Excellence and Access (FAEA) provide financial assistance to the students. The management has a Xavier's loan scholarship scheme, book bank scheme etc for assistance.

One important aspect of student progression is help rendered to get placement. Keeping this need in mind, the college has established a Career Cell that organizes campus interviews as well as other necessary helps.

Wider concerns like environment have made us create at Xavier's an ecological niche that provides a verdant campus opens to citizens of Ahmedabad for a sedate walk in nature. Although ecological consciousness and civic sense are difficult to teach, we believe that a well-maintained and green campus will indirectly teach students the value of vegetation. We have around a 1000 species of live plants on campus.

The College collaborates with tribal medicinal men as part of a project to explore the use of forest plant materials as a livelihood option.

Among other issues of broad nature, we take up socio-political topics such as gender and caste for reflection in lectures on value education. We have a weekly Value-education class for all students of the College.

At a wider level, work in the slums, hospitals, schools for the visually challenged, blood donation camps are carried out to discharge our social responsibility. All this is done with a view to changing society. Some staff members participate in public protests, *dalit* movements, secular movements, signature campaigns, presentations, talks, interviews etc in print and electronic media. College uses its prestige to bring out social issues into the open.

Spiritual potentials

One of the duties performed by the counsellor is to organise meaningful interreligious prayer meetings. Special care is taken of religious formation of Christian students. At the same time other staff and students are given opportunities to develop their own spirituality through such meaningful prayer meetings. Integrity and hard work, honesty, fairness and tolerance are the virtues practiced by the management and preached by their action. Malpractice is not tolerated and stern action is taken against any one indulging in it. Pursuit of excellence in every field is our motto. This has borne rich dividends and has earned us laurels in all that we undertake.

Sincere teaching accompanies both curriculum related and co-curricular activities. Participation in sports etc and all the activities, which boost the all round development of youth to make them better citizens are systematically organised.

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

The College initiated 12 career oriented programmes (COP) of one year duration. This are UGC recognised career oriented programmes (COP) to equip students for better jobs. The number of students opted for these courses are given below:

Students admitted in COP

Sr. No.	Course	Admitted
		2008-09
	Arts	
1	Counselling	27
2	Creative Arts	0
3	English Language and Communication Skills	170
4	Foreign Trade Management	12
5	Journalism	41
6	Rural Development	11
	Science	
7	Bioinformatics	4
8	Computer Hardware	5
9	Gardening and Landscaping	0
10	Microbial Biotechnology	8
11	Microprocessor and Photonics	0
12	Nutrition and Dietetics	0

The distance education centre for IGNOU which was started in 2008 runs well, especially for two courses. The number of students opted for these courses are given below: MSW: 65, CSR: 15.

3. *Innovations in curricular design and transaction*

As an affiliated college, we have to adhere to the curriculum designed by the parent university. Many of our staff members are in various Boards and contribute to the curriculum designs. This is perhaps the only college in the university that has an extra

examination in the first term to test the students' aptitude and progress. This exam carries five marks for the annual evaluation.

Besides the classroom teaching, our staff and students have been involved in innovative, creative educational processes. Biochemistry, Biology, Vocational BT, Chemistry, IC, English, Gujarati, Maths, Physics, Psychology, Sanskrit, departments have used all or some of these methods to make learning more interesting and challenging: seminars by students, assignments, presentations by students, role-playing, film screening, Peer teaching, AV Presentations, objective tests, viva voce, quizzes, group discussions, study tours, students' presenting papers at other institutions, students appearing for special exams in their specific discipline, participating in summer school, working at research institutes like PRL, Institute of Plasma Research, conducting prestigious exams (such as TIFR, XAT, various bank entrances), encouraging students to go for special lectures in other institutions, lectures and demonstrations by visiting staff members, authors and scientists from India and other parts of the world, establishing an industrial training unit, undertaking data analysis of published papers, writing project proposals, writing review articles etc.

4. *Interdisciplinary programmes started:*

SXC is an affiliated college of the Gujarat University, and their norms have to be followed. There are not much inter disciplinary programmes but we have a Vocational course each in Biotech and Industrial Chemistry, which is in collaboration with Biochemistry and Chemistry respectively.

5. *Examination reforms implemented:*

As an affiliated college of the Gujarat University we have to follow the rules laid down by our parent university. However, we have an extra exam in the first term. A mid term exam is taken after eight weeks of studies to help the students in their progress. This is followed by a terminal exam each in October and February.

Regular tests have been started in many departments. Students are shown their answer book after the exams for any clarification and doubts. This helps in better results and to enhance the quality of education. Internal evaluation marks are put up on the notice board for students for queries and to double check the procedure to satisfy the students.

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

This is one area which the college has not much information because the students who go in for NET/ SLET/ GATE etc have not informed the college after they have left and it is difficult to guess. However, the department of Biochemistry under the initiative of Prof. Sebastian. V , continues to train third year students to appear from National level competitive examinations. Two of our students cleared the entrance exam; one for biological sciences to TIFR, one to NCBS. This is a very popular and challenging examination held for higher studies. Moreover, 4 students have cleared the examination for JNU-CEE for Biotechnology in 2008-09.

At present 57% of our staff have their PhD. This is 12 % over the last report. Moreover, 8.6% of our staff have registered for PhD.

Forms sold to admitted freshers

	2008-2009
Applied	5523
Admitted	897

Category wise recruitment of freshers during the 2008-09

Percentage of students under the categories	2008-09
SC	4.29
ST	6.97
OBC	11.45
Physically Handicapped	0.63
General	76.48
TOTAL : in %	100

Girls admitted to SXC during 2008-09

Category	2008-09
Arts	154
Science	170
Total	324

7. *Initiatives towards faculty development programme:*

Various activities were initiated towards faculty development such as attending seminars, media involvement, completing doctoral work; Prof. Pinky Desai, Dr M Gadani, Dr SP Thacker, Dr Clement CJ, Prof Arifa, Prof. Francis Christy, Dr Sebastian, Dr Atul Makwana, Dr DV Katara, Prof.Bijal Shah, Dr DG Trivedi, Dr Puran Makwana attended a seminar.

Drs. Sebastian, Dr Lancelot D’Cruz, Dr Vincent Braganza presented papers at national seminars.

In the annual research seminar of the College held in March 2009. For the 5th year in succession, we have published our annual research annals with these research articles from staff members.

8. Total number of seminars/ workshops conducted:

The College conducted another seminar in addition to the Annual Research seminar. It was a national seminar, “Women in Science: A career in Science” Department of Biochemistry continues its training programme for students to clear competitive examinations in Life Sciences. This is the second year of this programme. The College conducted its annual research seminar where 11 of the faculty presented their research findings.

9. Research projects

a) Newly implemented

Fr. Lancy D’Cruz is coordinating a project with the total outlay of Rs. 70 lacs. It is funded by ALBOAN, an international funding agency.

We continue with our project of assigning ten students for special research conducted by them at the Research Centre of our College. A large number of staff and students, mainly from Science faculty have availed themselves of the research facilities and done original research in their respective fields. This year College decided to extent this facility to other departmental students to do a research project.

b) completed:

2008-09	
Name	Title
Ishira Nanavaty	<i>Cissampelos pareira</i> and <i>Argyreia boseana</i> - A primary study
Mansi Dave	Micropropagation of HPTLC Analysis of Two Medicinal Plants-

	<i>Hemidesmus indicus & Holostemma sp.</i>
Oushee Ouseph	Micropropagation and HPTLC analysis of <i>Curculigo orchioides</i> Gaertn.
Aanchal Bhatia	Micropropagation and Phytochemical Analysis- <i>Argyreia boseana</i> and <i>Cissampelos pareira</i>
Dweipayan Goswami	Micropropagation of HPTLC Analysis of Two Medicinal Plants- <i>Hemidesmus indicus & Holostemma sp.</i>
Simmi Verghese	Micropropagation of HPTLC Analysis of Two Medicinal Plants- <i>Hemidesmus indicus & Holostemma sp.</i>
Jyoti Jose	Micropropagation and HPTLC analysis of <i>Curculigo orchioides</i> Gaertn.
Neelam Navlani	Micropropagation and Phytochemical Analysis- <i>Argyreia boseana</i> and <i>Cissampelos pareira</i>
Megha Shah	Micropropagation and HPTLC analysis of <i>Curculigo orchioides</i> Gaertn.
Suhani Palkhiwala	Micropropagation and Phytochemical Analysis- <i>Argyreia boseana</i> and <i>Cissampelos pareira</i>

10. Patents generated, if any:

We were not able to generate any patents so far. However, meticulous data keeping is done in the field of our work in medicinal plants, keeping in mind patent generation at some future date.

11. New collaborative research programmes

The College has established collaborations in research as well as in academic front. It continues to have its collaborations with PRL, ISRO, S.P. University, Gujarat University, South Gujarat University for research. The College continue to have collaboration with IGNOU for the correspondence courses.

We have signed an MOU with Marquette University, Wisconsin for collaboration in 2007-08. We have initiated a certificate course in Backpack Journalism as part of this initiative. Fr. Lancy collaborates with ALBOAN and IDOKI (Spain), SKYQUEST Labs, Blatter Herbarium (Mumbai), Jeevantirth and Manthan (Ahmedabad) for research activities in medicinal plants. He also collaborates with Jeevantirth, Gurjarvani, ANALA and ACF for Tarumitra activities.

Fr. Vincent Braganza and his team are involved under rural development programme for the uplift of rural areas, especially in the Bhiloda area. Fr. Lancy continue with his project to generate livelihood options for tribals where in he using their ethnomedicinal wisdom and capacities can become self reliant and independent. He forms self help groups. He also collaborates with the Gujarat government towards this goal.

12. *Research grants received from various agencies:*

The College received a total of 95.8 lakhs as research grant from various agencies.

Dr MR Gadhavi	Physi cs	2008-10	Synthesis of Nano Magnetic Composites: Physical Properties	UGC	80000
Dr Lancelot D'Cruz	Botan y	2009-11	Socioeconomic development and traditional medicinal knowledge protection in Relwa, Dediapada and Nani singloti villages. Phase III.	Social Donor Agency, Spain	7600000
Dr Vincent Braganza	Bioch emis	2009-10	Upliftment of Agricultural Practices among the farmers through Plant Tissue Analysis Laboratory	Gujarat Horticultu re Mission	900000
Dr Vincent Braganza	Bioch emis	2008-11	Empowerment of women in rural areas through micropropagation of flowering plants	DST- WOS- B	1000000

13. *Details of research scholars:*

All the faculty of the College are encouraged to carry on research activities. Many of them have their research findings published in journals. At present 5 faculty have registered for their doctoral work in various universities and 3 students have registered with our staff for their doctoral work. For details of the publications and presentations, see the last page.

14. *Citation index of faculty members and impact factor:*

This is an area which we need to concentrate on. The faculty have not been targeting journals with impact factor for their publications.

15. *Honours/ awards to the faculty*

- a) Drs Sarvar Sherichand, KI Patel, Shuchita Mehta, Urmi Shah, and Fr. Vincent Braganza are Ph.D/ M.Phil guides and continue guiding Ph.D. students. A large number of our professors take PG lectures at various centres and some of them guide M.Phil students.

- b) Prof. Pinky Desai, Dr M Gadani, Dr SP Thacker, Dr Clement CJ, Prof Arifa, Prof. Francis Christy, Dr Sebastian, Dr Atul Makwana, Dr DV Katara, Prof. Bijal Shah, Dr DG Trivedi, Dr Puran Makwana attended a seminar.
- c) Drs. Sebastian, Dr Lancelot D’Cruz, Dr Vincent Braganza presented papers at national seminars.
- a) In the annual research seminar of the College held March 2008, 11 of our staff members, namely, Drs. SY Mehta, KP Banaji, Rita Kothari, Mallika Sanyal, Suresh Thacker, Profs. DG Trivedi, Pinky Desai, Arefa Mansuri, Sebastian Vadakan, Clement, and Veena Sheth presented their papers. For the 5th year in succession, we have published our annual research annals with these research articles from staff members.
- b) Frs. Francis Parmar, Vincent Saldanha, Drs. KI Patel, Nirmal Desai, Mr. AH Makwana, Ms. Pinky Desai, Veena Sheth, staff and students of BT, have given Electronic/Print Media talks/interviews.

16. Internal resources generated:

TOXA, the alumni association continue to raise funds for college activities by being part of the annual garba night. The student body raises funds for the annual cultural festival held every year.

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

Ours is mainly a UG college with PG in chemistry and English none of our departments have got any assistance or recognition from these bodies.

18. Community services:

At Xavier's concern for fellow human beings is given a high priority. The College keeps up its exemplary tradition of community services under various headings. They are:

a) **NSS**

Besides the regular visits to the schools for visually challenged students and collaboration with the Gulbai Tekra Slum Project, the NSS has organized camps, outings, and participated in camps organised by the Uni. This year 4 students participated in such camps. A blood donation drive was organized in collaboration with the Red Cross. Kushal Chand was elected for Youth Exchange Programme to Russia this year.

b) **TARUMITRA**

Tarumitra is a movement that take care of environmental issues. The Tarumitra **Orientation Program** was held at the Sidharth Hall on 20th August, 2008. 23 TM volunteers attended the orientation program where the Tarumitra Core group members--Rajubhai, Diptiben, Madhu Menon, Fr. Rappai, Fr.Lancy, Deepak Aurora and Sr. Willu were also present.

A special Tarumitra Orientation Workshop was held at Jeevan Tirth, Koba on 31st August, 2008 attended by 45 TM volunteers registered (31 first year students, 21 of them being BSc students and 10 BA students). The day's program included a power point presentation on 'Tarumitra' and its activities prepared by Fr. Rappai of Gujarvani. A Tree plantation drive was also held at Koba village. Through games and other activities the group was sensitized to several environmental issues and the volunteers drew up an action plan.

Tarumitra meetings have been held weekly and have been conducted by the Student core team members—Sonali Chauhan (TYBSc), Ritwik, Pearl and Tapan (SYBSc) along with Sr. Willu. Each TM volunteers had to choose one of the following topics—Pollution, Global Warming, etc and make a presentation of his/her personal project and the group projects during the weekly meetings. Movies like 'An Inconvenient Truth' have been screened and discussions have been held. Volunteers have also assisted Mr. Deepak Aroua in tree plantation and tree maintenance activities. TM volunteers also appeared on Doordarshan on two occasions.

The TM volunteers were also involved in the College Annual Culfest. Several brainstorming meetings were held and several suggestions emerged: plant a tree/ tree walk/ give a potted plant., a survey/ quiz to be followed by an announcement of the results and action to be taken. A cleanliness drive in the campus, a drama on stage, a few nukkad nataks off stage, a poster exhibition and a poster painting competition. Other suggestions included a stall with eco-friendly articles: cloth bags, herbal drinks, paper bags, a screening of a DVD or some other presentation on Environment (Shambhu, Saddam, Mahesh, Jaideep). The volunteers then divided themselves into 5 groups: Off stage: survey, On stage: passing the parcel, stall group, naming the tree group and Drama/ Nukkad Natak goup.

On Saturday 20th December, 2008 the **Clean Campus Campaign** was conducted by the TM volunteers around the college. The volunteers found a lot of garbage behind the BSC centre i.e. near the Basket ball court. Nukkad Nattak was staged in front of the College canteen. 31 bags of garbage were collected.

The TM volunteers under with guidance of Mrs. Bhavna Ramrakhiani of ACF took the responsibility of arranging a panel discussion on ‘**The Making of a green mega city**’ as part of the College CULFEST on Sunday, 22nd December, 2008. A panel of eminent speakers addressed the College students and faculty. These included --Mr. Mansukh Salla (the effects of privatization on the accessibility to education for all), Dr. Hemant Mankad (Health: the responsibility of the government?), Ms. Manvita Baradi (City planning), Mr. Pranav Mehta (Public Transport and CNG). The discussion was chaired by Mrs. Bhavna Ramrakhiani. As part of Culfest the TM volunteers also conducted a Survey, set up a green stall for a day and prepared Tree posters. The stage performance did not materialize.

Tarumitra volunteers were actively involved in the **IYCN Eco-fest** held at the CEPT campus on the 28-29th, January 2009. They managed the Control Room Stall, arranged and coordinated the visits to the CEE campus, Gandhi Ashram, Kalam Khush and the visit to the ESI campus of the International IYCN group (who were visiting Ahmedabad as part of their world tour). They also arranged for the Heritage Walk. Five volunteers also attended the Leadership Training for Campus Climate Changers at the I.P.M.G. Gandhinagar on January 29th, 2008. Tarumitra volunteers also had a stall at the IYCN Eco-Fest at the CEPT Campus. They worked in close collaboration with Mrs. Bhavna Ramrakhiani (of ACF) and with Jeevan Tirth.

They were given orientation and later training at Koba where 100 saplings were planted. Apart from fortnightly meetings and brainstorming sessions, creating skits and designing posters, the highlight of this year were the Tree Walk conducted for around 25 students on our biodiversity-rich campus and a creative first-time multi-media choreography on the theme of global warming, presented at the annual CULFEST. They also interacted with a group of students from Sophia University, Tokyo as well as with the team from Marquette University, Wisconsin. Tarumitra assisted Prakriti, an NGO, in organizing a fancy dress green tree competition where over 40 children below the age of 8 participated. The Tarumitra activities of this year, including the creation and maintenance of the Tarumitra website & blog, www.tarumitragujarat.org/blog/html have

been conducted entirely by senior volunteers Hershah Pandya of TYBSc and Sonali Chauhan of SYBSc with guidance from Ms. Amita Nair and Sr. Wilhelmina.

The College premises continue to be used for remedial classes for the children of our neighbouring Gulbai Tekra slums.

Sr. Mary James organised a gathering for the children of slums with assistance from Ms. Ami Mehra, Dr. CJ Clement, Sr. Wilhelmina and 10 student volunteers. Around 55 children attended the function. They also lent a helping hand to a group of past and present students involved in social uplift program in slums.

All the fathers of the College, Dr. Ishwar Mahera, Ms. Veena Sheth and many others also engage in humanitarian service not only in Ahmedabad but also across the state. Ms. Veena Sheth has received a number of awards and recognitions for her services in this regard.

c) **JAGRAT**

Jagrat is our way of bringing about equal opportunity for all. With this view in mind, Jagrat organizes activities for students belonging to discriminated groups. Drs. Ishwar Mahera, CJ Clement, Ms. Profaina Christian, Arefa Mansuri, Ami Mehra, Pinky Desai, Saby, PU Makwana, Atul Makwana, Amarsingh Vasava, Dilip Vasava and others have assisted Sr. Mary and Frs. Lancy D’Cruz & Roland D’Souza in conducting Jagrat activities.

Name of Programme	Date	Place	No. of attending	Remarks
Jagrat Orientation	12.7.2008	SXC Hall	105 students	
Self-Discovery & Goal setting	23.7.2008	SXC Hall	32 Students	For F.Y. students
Indigenous People’s Day	14.9.2008	SXC Hall	238	Students from 10 colleges besides SXC
Personality development	02.10.2008	SXC Hall	33 Students	For F.Y. students
Workshop on Diwali exposure program	13.10.2008	SXC Hall	38 Students	For F.Y. students
5-day Rural Exposure Program	November 2008	South Gujarat, Bhiloda, Saurashtra	44 Students	Places visited Dediapada, Umarpada, Mandal, Vyara, Unai, Samgahan, Zaroli
Presentation on Rural exposure	29.11.2008	SXC Hall	92 Students+ 15 Faculty members	Chief Guest Mr. Anurag(Regional Director of CRF Gujarat)

Orientation Workshop on the Urban Exposure	13.12.2008	SXC Hall	30 Students	For F.Y. students
Gurjari visit	14.12.2008	Gurjari bajar, Ahmedabad	31 Students	First year urban exposure-1
International Kite Flying Festival	11.01.2009	Shahibaug	32 Students	First year urban exposure-2
Akashardam Mandir	18.01.2009	Gandhinagar	36 Students	First year urban exposure-3
2-day workshop on 'Self-esteem / Self-worth, communication, relationship and Effectiveness	27, 28.09.2008	Koba, Gandhinagar	37 Students	-Conducted by the Faculty Team of Jagrat
Career Choice (Second years)	30.11.2008	SXC Hall	33 Students	Talks on MBA/MSW
Career Choice (Third years)	24.08.2008	St. Xavier's Social Service Society, Ahmedabad	29 Students	
Career options (Second years)	30.11.2008	SXC Hall	33 Students	For the 2 years students
Guidance on UPSC & GPSC exam preparation	April 2009	A.V.Room SXC	54 Students	
A career talk Development Communication	13.12.2008	A.V. Room SXC	23 Students	By Mrs. Nimi an from DRISTI NGO
A workshop on Career in Social Work	05.01.2009	Gujarat Vidyapith, Ahmedabad	23 Students	-1-hour interactive session with Mrs.Anandiben Patel - visited the Tribal Museum
AICUF Seminar	June 2008	Bhopal	4 students	
AICUF (All India Catholic Union Foundation) National Seminar	09.01.2009 to 11.01.2009	Chennai	4 Students	-“Jesuit Education in combating communal Agenda” was the theme of the seminar.
FAEA workshop	24.12.2008 to 28.12.2008	Delhi	3 Students	-workshop on “Learning to lead and Experiencing the possibilities”
Involved in First tribal magazine 'ADILOK'	Year 2008-2009	SXC Ahmedabad	4 Students	

A TOT seminar was organised by SXC for its faculty with the assistance from The Learning Circle. Mr Arvind Sape, the director of Learning Circle was the Resource person.

Fr. Vinayak Jadav has initiated a project to help a tribal group to publish a Tribal Magazine (Adilok) of their own in January 2008. He continues to publish the magazine.

d) **UTKARSH FOR PHYSICALLY & VISUALLY CHALLENGED STUDENTS**

The College has made a special effort to grant admission to differently able students. This year we have 3 visually/physically challenged students. Sr. Mary, Fr. Roland

D'Souza, Drs. SY Mehta, Kinnary Dubbal, Mallika Sanyal, Anita Sharma, Ms. Ami Shah, Ami Mehra and a number of volunteers have assisted these students. Physics and Chemistry departments have contributed as departments. This year we organized the 3rd *sneh-milan* for differently-abled students of all the Colleges of A'bad on our campus.

e) **CAMPUS MINISTRY**

Campus ministry under the direction of Sr. Mary and Fr. Roland D'Souza has organized a number of formation programmes. They offer counselling to both staff and students and a good number of both staff and students make use of these services. Special workshops for staff, Eucharistic Celebrations and Retreats for Christian students, inter-religious prayer services and other functions around major festivals of various religions as well as on Teachers' Day were organised.

f) **WOMEN'S CELL (URJA)**

We have had a women's cell in the College for some years. This year, the cell has done well through the efforts of Drs. Khushnuma Banaji, Shanti Prasanna, Ms. Jotna Narula, Jayshree Bhatt, Sr. Mary and a group of students. Ms. Lyda Dominic and Sadiqua Momin are student representatives in the Women's Cell. A number of activities were organized by the women's cell. The cell takes special care of the Tribal, Dalit as well as physically and visually challenged students. The cell has made efforts to bring the girl students of dispossessed groups into the main stream.

19. *Teachers and officers newly recruited:*

Since the Govt. has not provided for the short fall of teachers since late 1990, the College appoints teaching assistants.

20. *Teaching- non teaching staff ratio: currently it is 1:3*

21. *Improvements in the library services:*

Our Library has 71,115 volumes. We subscribe to 27 Journals (12 in English, 15 in Gujarati) and 28 periodicals (13 in English, 15 in Gujarati), worth Rs. 20,000.

22. *New books/ journals subscribed and their value:*

This year we have added 297 textbooks worth Rs. 92,482.

	2008-09	
	No	Total Cost
Text books	297	92482

Reference Books	439	144031
Journals	20	
Periodicals	36	

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

All the teachers have been given a feedback by students twice in the year, once after the first term and second after the second term. The feedback form was collected and analysed by the IQAC and the summary was given to the respective staff. Staff was asked to look at the evaluation and do the needful. IQAC also promised them to render any sort of help which they ask for to bring in quality education on campus.

24. Unit cost of education:

The unit cost of education is 18,456 (including salary) and 1608 (excluding salary).

Year	2008-09
Annual Expenditure	36383437
Annual Expenditure (salary excluded)	3169646
No. of students	1971
Unit Cost of Education	18459
Unit Cost of Education (salary excluded)	1608

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

College office is fully computerised. The entire administrative processes such as admission, examination results, and issue of certificates are computerised. The attendance data and performance in examination is computerised so that a student progress can be monitored.

26. Increase in the infrastructure facilities:

UGC has awarded Rs. 55, 00,000 to the College to increase the infrastructure facilities, last year. Most departments have completed the renovation work. Eleven departments

have benefited from this funding. This money has been utilised to give a better outlook to the departments.

27. Technology upgradation:

The total amount of support received from the Gujarat Government in the form of grant-in aid is given below. In the first row we have the Teachers' salary component. That is followed by the grant for Building maintenance, followed by a Library and a Miscellaneous expenses grant. It is quite apparent that barring the salaries, all other receipts from government do not cover the total expenses met in order to run the college. Notwithstanding this, a comparison of the total receipts versus payments clearly indicates that the management managed to cover all expenses.

Receipt		Payment	
Particulars	2008-2009	Particulars	2008-2009
St. Xavier's College Govt. Grant Salaries	3,32,13,791.00	St. Xavier's College Govt. Grant Salaries	3,32,13,791.00
Maint. Grant	4,41,088.00	Maint. Grant	4,41,088.00
Tuition Fees (*)	9,51,450.00	Tuition Fees (*)	9,51,450.00
Lab. Lib. & Other Rcpts.	4,64,110.00	Lab. Lib. & Other Rcpts.	4,64,110.00
Trust Contribution	13,93,729.00	Trust Contribution	13,93,729.00
Other Rcpt. Donation interest	20,25,335.00	Other Rcpt. Donation interest	20,25,335.00
Educational Income	56,74,545.00	Educational Income	56,74,545.00
Students' Activities	4,00,000.00	Students' Activities	4,00,000.00
TOTAL:	4,45,64,048.00	TOTAL:	4,45,64,048.00

The college has received grants from the UGC under a no. of headings. This financial support has been significant in enabling the college to keep on track to ensure delivery of quality in education at the college.

Grants received from the UGC for the year 2008-09

Description	Amount
College Development Scheme-X Plan	204983
MRP: X Plan (Mr. M. R. Gadhavi)	70500

Travel Grant: Dr. K.J.Dubal for Conference	121294
BSR: CPE	6600000
College Development Scheme - XI Plan	453614
College Development Scheme - XI Plan	69360
TOTAL	7314768

Grants allocated by the UGC are accountable to the UGC by audited statements and grant Utilization Certificate by a Chartered Accountant. A significant feature of the UGC support is that it has helped push research at the college and also has allowed us to upgrade our science laboratories in terms of infrastructure and instruments.

There was no financial allocation towards upgradation and improvement of computer facility during this period.

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

This year we have extended internet facility to all the science departments, Arts' Staff Room and the library. An internet kiosk was made available to all in the library for a period of two months.

29. Financial aid to students:

Besides the regular scholarships, prizes & book bank assistance, this year three more of our needy students were selected for Scholarships by FAEA (Federation for Academic Excellence & Assistance).

	Type of scholarship	Number of scholarships	Amount	Total
2008-09	Research	47	47000	751093
	SC	25	82748	
	ST	105	621345	
	OBC	-		
	Any other	-		

Over and above FAEA funded 93 students, that was 4.7% of the total financial aid given to students in this academic year.

30. Activities and support from the Alumni Association:

The Alumni association under the name of TOXA continues to serve the College in many ways. The Annual Sheri-Garba, organised by The Old Xavierites' Association (TOXA) and sponsored by Radio Mirchi for the 3rd year in succession, was a great success. TOXA has kept up helping the College through sponsoring a number of events.

31. *Activities and support from the Parent – Teachers Association:*

There is no such parent teacher association which is set up by the college. We have not felt the need so far. If there is a need for the parents of the students to be contacted, it is decided upon a case by case basis and necessary action is taken for the welfare of the student.

32. *Health services:*

This is a grant in aid institution. Therefore, the staffs have access to government health scheme. The College conducts AIDS awareness, Thalassemia awareness and blood donation camps. The college has been planning to set up a fitness centre for the staff and students of the college.

The University has a health centre for the students, which is near the College, and they provide free access to students. Many students make use of these facilities. Many of the students have their family doctors to take care of them.

The college also has first aid kits available with Campus Ministry, Women Cell, and Department of Biochemistry to handle emergency situations.

33. *Performance in the sports activities:*

The College has vast ground and encourages sports. Admissions are given to sports person on a priority basis. The college has retained the general championship in sports at the intercollegiate level all these years.

	2008-09
No. of students participated	143
No. of items participated	20
Champion	7
Runner Up	1
No. of students selected for West Zone Inter University	26

34. Incentives to outstanding sportspersons:

The policy of the college is to encourage sports. Incentives are given to all sports persons. Financial assistance is also given to buy track suits, shoes, supplementary diet, transport allowance to participate at the national level etc. The College also provides supplementary diet to the students who cannot afford it.

Every year at the annual function, in order to encourage students taking part in sports and other activities like NCC, students are awarded trophies and certificates. One boy and a girl get their names inscribed in the honours board.

35. Student achievements and awards:

a) In academics

At the Gujarat University, 13 students (26%) are among the top 50 rankers. They have achieved 1, 2, 3, 10, 15, 21, 25, 26, 27 (2 students), 28, 31 and 34th Ranks. They are all from Physics Chemistry Biology group:

Forms sold to admitted freshers

	2008-2009
Applied	5523
Admitted	897

weCategory wise recruitment of freshers during the 2008-09

Percentage of students under the categories	2008-09
SC	4.29
ST	6.97
OBC	11.45
Physically Handicapped	0.63
General	76.48
TOTAL : in %	100

Girls admitted to SXC during 2008-09

Category	2008-09
Arts	154
Science	170
Total	324

Table Results at University Exams for Third Year Arts (2009)

Overall Result: 92.67%

Class	General			S.C.			S.T.			S.E.B.C.			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
First	9	43	52	3	3	6	4	2	6	5	2	7	21	50	71
Second	14	26	40	4	2	6	16	13	29	12	8	20	46	49	95
Pass	1	1	2	1	-	1	5	1	6	2	-	2	9	2	11
Fail	-	1	1	-	-	-	-	1	1	-	-	-	-	2	2
Cancelled	-	3	3	-	-	-	1	-	1	-	-	-	1	3	4
W-Held127	1	5	6	1	1	2	-	-	-	3	1	4	5	7	12
TOTAL	25	79	104	9	6	15	26	17	43	22	11	33	82	113	195

Results at University Exams for Third Year Science (2009)

Overall Result: 98.01%

Class	General			S.C.			S.T.			S.E.B.C.			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
First	47	136	183	2	4	6	1	1	2	11	11	22	61	152	213
Second	36	46	82	3	3	6	7	-	7	12	6	18	58	55	113
Pass	4	4	8	-	1	1	2	2	4	3	2	5	9	9	18
Fail	4	-	4	-	-	-	-	-	-	1	-	1	5	-	5
W-Held	-	1	1	-	-	-	-	-	-	-	1	1	-	2	2
TOTAL	91	187	278	5	8	13	10	3	13	27	20	47	103	218	351

Awards bestowed on students also is a healthy symbol of traditions in the college that seek to encourage and acknowledge achievements by our students in academics, in sports, in cultural activities and extra-curricular events.

Prizes awarded to students

Particulars	2008-09
Students receiving Prizes	232
Medals awarded	63
Trophies / Souvenirs awarded	8
Total Amount awarded	1,11,100

b) co-curricular & extracurricular activities:

52 of our students participated in all 26 events of the Youth Festival and we got Prizes in 12 events (46%) in South Elisbridge Zone. A total of 52 students took part. There are 72 Colleges in this zone. Thus we have kept up the tradition of winning the highest number of awards. We won prizes in Poetry Recitation, Cartooning, Classical Vocal (Solo),

Western Solo & Group Song, Poster-making, Classical Instrumental (percussion), Indian Light Vocal (Group), Mimicry, Skit, collage, and elocution.

At the inter-zone level we took part in 12 events and won 6 prizes. We won 1st prize in Collage, Classical Instrumental (percussion & non-percussion), second prize in Indian group song and poster making. We got third prize in Classical Vocal (Solo), Western (Solo).

Zonal	2008-09
No. of events	26
No. of participants	52
Won in	12
Interzonal	
No. of events	26
No. of events participated	12
Won in	6
National	
No. of events	-
No. of participants	-
Won in	

36. Activities of the Guidance and Counselling unit:

The College has two full time counsellors. Fr. Roland and Sr. Mary provide guidance to students. The Guidance and Counselling cell under various heading organises different programmes. Many faculty were involved. Drs. Ishwar Mahera, CJ Clement, Saby, Ms. Profaina Christian, Arefa Mansuri, Ami Mehra, Pinky Desai, Messrs. PU Makwana, Atul Makwana, Amarsingh Vasava, Dilip Vasava and others have assisted Sr. Mary and Frs. Lancy D’Cruz & Roland D’Souza in conducting these activities.

180 students benefited from a youth Leadership camp organised in collaboration with CRS. Students were also exposed to workshops on RTI, PRI (Panchayati Raj Institutions), Human Rights, and Gender sensitivity.

The cell also organised the World Indigenous Peoples' Day. Students were sent to Bhopal and Ranchi for national level conferences.

The tribal group has published a Tribal Magazine, *Adilok*, under the guidance of Fr. Vinayak.

This year College admitted 3 visually/physically challenged students. Sr. Mary, Fr. Roland D'Souza, Ami Mehra and a number of volunteers have assist these students. This year we organized the 3rd sneh-milan for differently-abled students of all the Colleges of Ahmedabad.

Campus ministry under the direction of Sr. Mary and Fr. Roland D'Souza offer counselling to both staff and students and a good number of both staff and students make use of these services. Special workshops for staff, Eucharistic Celebrations and Retreats for Christian students, inter-religious prayer services and other functions around major festivals of various religions as well as on Teachers' Day were organised. This year, our Counselling Cell was asked to train counsellors for our schools in Gujarat.

The women cell has done well through the efforts of Drs. Khushnuma Banaji, Shanti Prasanna, Ms. Jotna Narula, Jayshree Bhatt, Sr. Mary and a group of students. A number of activities were organized by the women's cell. The cell takes special care of the Tribal, Dalit as well as physically and visually challenged students. The cell has made efforts to bring the girl students of dispossessed groups into the main stream. The International Day of the girl child was celebrated. They have also participated in a number of activities organised elsewhere.

37. Placement services provided to students:

The Career Cell under the supervision of Mr. Rajesh Iyer & Dr. Urvi Chhaya have organised campus recruitment drives. Ten corporate houses (IIMA, Wipro, Thermax, E-Tech, Argusoft) came over for campus interviews. Around 61 students participated in various campus interviews. A daylong workshop on resume writing and mock interviews was held.

Year	Date	Name Of Company	No. Of Participated Students	No. Of Recruitments
2008	22/1/2008	WIPRO BPO	34	15
	22/1/2008	Thermax, Pune	-	3
	22/8/2008	E-tech	-	24
	30/8/2008	Argusoft	8	7
	-	IIM-A	-	6

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

The following programmes were conducted for staff development. 28, June, 2008: Opening prayer service was held. Participation of Staff and the Students was appreciated. The lamp was lit by the Vice Principal, Fr. Kulandai Raj, Senior most HODs of Arts and Science, Core Team Leader, Office Superintendent and auxiliary staff representative. Fr. Amalraj, vice president of the Ahmedabad St. Xavier's College Society, addressed the students.

19, July, 2008: Prayer Meet in honour of Major Phadheria. His wife and relatives in large number were present. Captain Joseph introduced the meet. Dr. Shuchita Mehta sang a bhajan which was followed by Dr. Ishwar Mehera's inspiring rendition from the Gita. There were some intercessory prayers by the students (Vikram, Dashrat and Neelam) Major Phadheria's close friend, H.M.Jadeja, shared with us his experiences. Then the Principal spoke of his availability, commitment and dedication to the college. At the same time consoling his wife and dear ones.

31, July, 2008: Feast of St Ignatius. Main celebrant of the Mass was Fr. Lancy D'Cruz, S.J. Novelty during this mass was the 2nd reading. Jesuits brothers of the college, presented in a short skit the conversion of St. Ignatius.

6, August, 2008: A gathering of the workers (sweepers, canteen, mess, hostel etc) turned into a condolence meeting for the night watchman whose daughter, Jyoti, passed away. Jyoti's, mother and sister were present. It was a very heart rending experience. Sr. Wilu was a source of consolation and strength to Jyoti's father, mother and sister.

6, September, 2008: Began with the cutting of cake by Principal and head of each department. Dance by students of TY B Chem. who organized the programme. A few words by Principal and 2 Vice Principals. The programme was enjoyed by all.

December- preparation for 3 dec.

Dec 3, Feast of St. Francis Xavier- mass celebrated by Bp. Thomas Macwan who accepted our invitation and officiated the Eucharist. It was a very meaningful celebration. Very many students and staff participated. The choir of our students made the celebration all the more meaningful. After the mass there was a housie game for the students. The Sewa Suvas students organized it, which was very much appreciated.

Dec 9th – one day recollection guided by Fr. Orny. 38 Christian students took part in a one-day recollection guided by Fr. Orny. It was a very well prepared programme. The student paid Rs30 for the days expenses. The day ended with a core team formation. They are Joy; Jackson Prateek and Smita

9th Jan planning meeting of sewa suvas. We plan to have a New Year prayer service for the staff and students on 17th Jan

On 31st Jan we had a get-together for the administrative staff of the college at parish hall at 11.15 am. We plan to have more programme of this kind in the coming year.

39. Healthy practices of the institution:

Extension activities in remote tribal areas, tribal medicinal project, guidance and counselling assistance for physically and visually challenged students, activities for the ST students, use of our premises for the nearby slum children's education, staff participation in NGO activities and some of our healthy practices.

Yearly staff seminars and publication of the Xavier Research Annals is another healthy practice the college initiated. Our college continues to adopt healthy practices like admissions for the physically and visually challenged students and creating a forum for their development. Eco friendliness and cleanliness are given due importance on campus.

College persistently provides a great encouragement to staff for involvement and upgradation in research activities through projects, grant of leave to attend seminars and conferences, financial assistance and recognition on the annual day.

Undergraduate research projects submitted by the students of the Arts & Science Faculty of St. Xavier's College

Year	Title
Biochemistry/Biotechnology	
2008-09	Plant Tissue Culture, Phytochemical Analysis
Chemistry	
2008-09	Simultaneous drug determination, Azo dye degradation
Industrial Chemistry	
2008-09	Organic synthesis & Extraction of compounds

Physics/ Electronics	
2008-09	Ozone distribution, Nano crystals, Nano particles of Molybdenum and Nickel, Composite polymers, Innovative densitometry
Mathematics	
2008-09	Analysis using various mathematical models.
Statistics	
2008-09	Statistical Analysis of various social issues.
Botany	
2008-09	Ethnomedicines.

Sample of Staff research work presented by the Arts & Science Faculty during the Annual Staff Research Seminar

Year	Title
Biology	
2008-09	People-Forest-Laboratory-Industry-Linkages for Socioeconomic Development and Traditional Medicinal Knowledge Protection in the Dediapada Forests of South Gujarat
Physics/ Electronics	
2008-09	1. An Introduction to Atmospheric Ozone 2. NANOFERRITES-bringing about a revolution
Mathematics	
2008-09	Mathematics of Marriages
Statistics	
2008-09	Estimators of parameters of geometric distribution under type-i progressive censoring
Economics	
2008-09	1. Foreign direct investment and economic development 2. Exclusive rights and inclusive growth: An understanding of IPRS for Indian agriculture
Gujarati	
2008-09	Status of Folksongs in Society
Sanskrit	
2008-09	1. Social Consciousness in Ramayana 2. The Vedantic thought in the works by Kalidasa and Bhavbhuti
Psychology	
2008-09	1. Psyche of the hospital staff where patients of terrorist attacks were treated.

Grievance Redressal cell provides a platform to express grievances as well as for making suggestions. This creates a healthy environment in the institute.

40. Linkages developed with national/ International, academic/ Research bodies:

The College has established linkages to foster research as well as education. College is in contact with Harvard University for collaboration. This year College sent two students to Mumbai for an International Conference on Entrepreneurship organized by St Xavier's College, Mumbai in collaboration with Harvard Uni. The College has signed an MOU with Marquette University, Wisconsin for collaboration. Fr. Lancy collaborates with ALBOAN and IDOKI (Spain), SKYQUEST Labs, Blatter Herbarium (Mumbai), Jeevantirth and Manthan (A'bad) for research activities in medicinal plants. He also collaborates with Jeevantirth, Gurjarvani, ANALA and ACF for Tarumitra activities

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

The college offers value education to all its students. Regular session is conducted on various themes pertaining to life. Frs. Lancy D'Cruz, Vincent Saldanha, Drs. Ishwar Mahera, Kinnari Dubbal, CJ Clement, Messrs. Atul Makwana, Puran Singh, Seby Vadakkan, Profaina Christian and Ami Mehra have conducted value education classes.

The college continue to actively collaborate with NGO sector to promote communal harmony and fight for human rights of all the citizens.

Xaviers Ahmedabad has been ranked 9th in Science and 13th in arts in this years India Today survey. The college has been chosen by the UGC as the college for potential for excellence and has the distinction of being the first and only college in the state of Gujarat, thus chosen.

Publications (2008-09)

Vadakan Sebastian A., Subramanian R., D'Cruz L., Braganza J. V. and Selvaraj S. 2009 Development and analysis of molecular markers for certain endangered species of Tylophora. *Journal of The Oriental Institute*. LIX, Page No.

Sebastian V. A., Receiving & Imparting Training for The Personality Growth Oriented Courses of Xavier's, 2009.

Sebastian V. A., The Ignatian Pedagogical Paradigm and Social Action Seminar-cum-Workshop organized by St. Xavier's Institute of Education, Mumbai in collaboration with St. Xavier's College, Mumbai. 2009.

Sebastian V. A., Workshop on Advanced Molecular Analysis Techniques organized by The Xavier Research Foundation. 2009.

Invitation to collaborate on research project on "A Comparative Analysis of Carvaka System of Thought with Utilitarianism of Bentham and Mill." and to deliver a lecture on "The Problem of World(Jagat) in Sankara's Philosophy" in a special meeting of the Brock Philosophy Society by Department of Philosophy, Brock University, Canada. 2009.

Thacker S. P., Workshop on Advanced Molecular Analysis Techniques organized by The Xavier Research Foundation. 2009.

Thacker S. P., Receiving & Imparting Training for The Personality Growth Oriented Courses of Xavier's, 2009.

Makwana A., Invited to work as visiting lecturer in Department of Chemistry, Bhavnagar University, Bhavnagar. 2009.

Clement C. J., Participated in the conference on Indian Astronomy, Ancient & Modern – 2009 organized by the Indian Planetary Society (IPS). 2009.

Clement C. J., The Ignatian Pedagogical Paradigm and Social Action Seminar-cum-Workshop organized by St. Xavier's Institute of Education, Mumbai in collaboration with St. Xavier's College, Mumbai. 2009.

Clement C. J., Receiving & Imparting Training for The Personality Growth Oriented Courses of Xavier's, 2009.

Mansuri A.J., Participated in a workshop on Adolescent Personality Measurement organized by Department of Psychology, Gujarat University, Ahmedabad. 2009

Mansuri A.J., Attended U.G.C. Sponsored State Level Seminar on “ In Light Of Psycho-Socio Concept The Violence Within Country Is To What Extent Condemnable Or Harmful To The Society At Large” and presented on “ A Study of the Behavioural Problems faced by the Primary school Children watching violence on TV as rated by Their Mothers”. 2009.

Mansuri A. J., Participated in National Level Seminar on Communication and Counseling organized by the Department of Psychology, Gujarat University, Ahmedabad. 2009.

Mansuri A. J., Presented Scientific Paper entitled “ Study of Social Support received by men & women with reference to family structure” during “The 13th International And 44th National Conference Of The Indian Academy of Applied Psychology” jointly organized by “Department of Psychology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad”, “ Dr. Rafiq Zakaria College for Women, Aurangabad”, “Maulana Azad College of Arts, Science and Commerce, Rauza Bagh, Aurangabad” and “Vivekanand Arts, Sardar Dilipsingh Commerce and Science College, Aurangabad”. 2009.

Desai P. J., Contributed paper entitled “ Exclusive Rights v/s Inclusive Growth: IRPS for Indian Agri” in the National Level Conference on Agri Business Opportunities and Challenges organized jointly by “The Department of Economics of Sri M.M. Ghodasara Mahila Arts and Commerce College, Junagadh” and “Junagadh Agricultural University, Junagadh.” 2009.

Desai P. J., Participated in One day State Level Seminar on Statistical Computing with MS Excel, Open Office Calc and SPSS conducted at GLS Institute of Computer Technology in association with Department of Statistics, Gujarat University. 2009.

Desai P. J., Receiving & Imparting Training for The Personality Growth Oriented Courses of Xavier's, 2009.

Christi F.

Christi F., Workshop on Advanced Molecular Analysis Techniques organized by The Xavier Research Foundation. 2009.

Katara D. V., Receiving & Imparting Training for The Personality Growth Oriented Courses of Xavier's, 2009.

Shah B. A., & Imparting Training for The Personality Growth Oriented Courses of Xavier's, 2009.

Shah B. A., Participated in the “International Conference on Environmental Issues in Emerging and advanced Economies: Canada, India” organized jointly by Department of Chemistry and James Reaney Canadian Centre, Gujarat University, Ahmedabad. 2009.

Trivedi D. G., Receiving & Imparting Training for The Personality Growth Oriented Courses of Xavier's, 2009.

Makwana P., Receiving & Imparting Training for The Personality Growth Oriented Courses of Xavier's, 2009.

Makwana P., Attended U.G.C. sponsored International seminar on “Sahitya ma Nariwad” and gave oral presentation on “Dasma Dayaka' Pragat thayel dalit lekhakoni navalkathama nari ni chabi” . 2009.

Gadani M. H., Participated in the U.G.C. Sponsored Refresher course in the subject “Biological Science (Multi disciplinary) and obtained Grade “A”. 2009.

Gadani M. H., Participated in U.G.C. Sponsored Spring Training on Taxonomy and Applications of Grasses (ST-TAG 2009) . 2009.

Gadani M. H., Participated in the Workshop on Scouting, Documentation and Dissemination of Grassroot Innovations and Traditional Knowledge-2009 (SCODO:GI & TK-2009) organized by Department of Botany, University School of Sciences, Gujarat University, Ahmedabad and National Innovation Foundation, Ahmedabad. 2009.

Gadani M. H., Attended National Seminar on “ Response to Eco-Biological Components to The Phenomenon of Global Warming (NSREG – 2009) organized by Department of Zoology, DSB Campus, Kumaun University, Nainital in collaboration with Indian Academy of Environmental Sciences, Haridwar . 2009.

Dr. Suresh Thacker – 2008 – participation in Paper reading / Poster Presentation Competition – organized by Dept. of Botany, Gujarat University & Gujarat Council of Science & Technology.

Dr. Suresh P. Thacker – 2008 – participation in ONE DAY SEMINAR on “Silencing the Message : mi and si RNA’s” – organized by Society of Biological Chemists.

Ms. Bijal A. Shah – 2008- participation in Paper presentation on “Frontier Advances in Chemical Sciences” – organized by U.G.C.

Ms. Bijal A. Shah – 2008 – participation in Seminar on “Emerging Trends in Chemical Sciences” – organized by Gujarat Council on Science & Technology.

Dr. Maulik Godani – 2008 – participation in Paper reading / Poster presentation competition – organized by Dept. of Botany, Gujarat University & Gujarat Council on Science & Technology.

Dr. Maulik Godani – 2008- participation in one day workshop on Application of HPTLC in Herbal Chemistry – organized at Loyala Centre for Research & Development, St. Xaviers College, Ahmedabad.

Mr. D.V. Kalara – 2008- participation in Seminar on “Emerging Trends in Chemical Sciences” – organized by Gujarat Council on Chemical Sciences.

Dr. C. J. Chammasheril – 2008 – participation in the 20th International Conference on Ultra Relativistic Nucleus Nucleus Collisions – organized at Jaipur, India.

Dr. C. J. Chammasheril – 2008 – participation in Homi Bhabha Centenary 18th DAE-BRNS Symposium on High Energy Physics – organized by Dept. of Physics, Banaras Hindu University.

Clement C. J. – 2008 – participation in one day seminar “WIS” : Careers in Science – organized by Panel on Women in Science, Indian Academy of Sciences, Bangalore.

Dr. C. J. Clement – 2008- participation on two day seminar on “Chaos Theory” – organized by GUJCOST.

Pinky J Desai – 2008 – participation in Programme on Intellectual Property Summit – organized by Ahmedabad Management Association.

Ms. Pinky J. Desai – 2008 – participation in International Colloquium “Inclusion And Exclusion : Exposing Issues and Practices” – organized by Liverpool Hope University.

Pinky J. Desai – 2008 – participation in Conference held at IGNOU and presented paper entitled “TRIPs Challenges before the Indian Pharmaceuticals Industry and Government for Sustainable Development.”

Ms. Pinky J. Desai – 2008 – participation in Brainstorming Session to develop a course curriculum on “Intellectual Property & Technology Management in Agriculture” – organized by NAARM (National Academy of Agricultural Research Management).

Ms. Pinky J. Desai – 2008 - participation in paper presentation on “ Knowledge Economy : Patents & Issues before the Indian Pharmaceutical Industry” – organized by L.J. Institute of Management Studies, Ahmedabad.

V. Sabastian – 2008 – participation in one day seminar “WIS”: Careers in Science – organized by Panel of Women , Indian Academy of Sciences, Bangalore.

Dr. Sebastian V. A. – 2008 – participation in Paper reading / Poster presentataion Competition – organized by Dept. of Botany, Gujarat University & GUJCOST.

Mr. Sebastian V. A. – 2008 – participation in the International Conference on Molecular Biology and Biotechnology – organized by Dept. of Bioscience & Biotechnology, Banasthali University.

Dr . Sebastian Vadakam – 2008 – participation in paper presentation on Analysis of species-specific markers for resolving taxonomic issues involving ethnomedicinally significant species of Tylophora – organized by Shri R.K. Parikh Arts and Science College, Petlad, Gujarat.

Ms. Anil M. Parmar – 2008 – participation in Old Students Association, Hindi Dept. – organized by Gujarat University.

Mr. Francis Christy – 2008 – participation in seminar on “Frontier Advances in Chemical Sciences” – organized by U.G.C.

Dr. Mallika Sniyal – 2008 – participation in Seminar on “Frontier Advances in Chemical Sciences” – organized by U.G.C.

Dr. Arefa J. Mansuri – 2008 – participation in workhop on Personality Development – organized by Dept. of Psychology, Sardar Patel Univeristy , Vallabh Vidyanagar.

D.G. Trivedi – 2008 – participation in Paper reading / Poster presentation competiton – organized by Dept. of Botany & GUJCOST.