

Annual Quality Assurance Report

2009-10



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

Part A

In our onward drive to ensure that excellence is maintained as a hallmark of St. Xavier's College, a number of quality initiatives of creative, out of box kind, were initiated during the year 2009-10.

Fr. (Dr.) Vincent Braganza took over from Fr. Francis Parmar in November 2008 since Fr. Parmar had to take early retirement because of health issues connected with his vision. The report for 2009-10 hence maps from March 2009 to May 2010.

The new Principal introduced a modification in administration. Vice Principals were replaced by Deans to deal with freshers, juniors and seniors. The scope of IQAC was widened from the guidelines given by NAAC by inducting the 12 HoDs in the team. Thus IQAC consist of the 12 HoDs and the Principal. This team met once every week to take stock of activities of the College and draw plans for future.

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 and leadership students are motivated to excel in academic as well as participate in a wide variety of co and extra curricular 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
		2009-10
	Arts	
1	Counselling	30
2	Creative Arts	61
3	English Language and Communication Skills	145
4	Foreign Trade Management	57
5	Journalism	73
6	Rural Development	30
	Science	
7	Bioinformatics	23
8	Computer Hardware	42
9	Gardening and Landscaping	14

10	Microbial Biotechnology	24
11	Microprocessor and Photonics	29
12	Nutrition and Dietetics	23

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: 25, PGJMC: 07, PGDAC: 28.

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, Educational field trips (to Ratnagiri, Indroda Park-Gandhinagar, Ahmedabad city gardens, etc.). Many innovative teaching methods are employed in various departments.

AV Presentations, objective tests, viva voce, quizzes, group discussions, 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. New Courses of PGDAC- IGNOU was started and it is coordinated by the department of Chemistry. The department of English coordinated SCOPE examination for faculty and students.

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.

With the new Principal Fr Vincent Braganza SJ in place, new examination reform was introduced where the mid-term exam was of multiple choice type. For first and second years, it was using paper and pencil on OMR sheets and for third years, it was online.

The first year students of Biotechnology are given a task of data collection on a particular aspect, after which they have to analyze the data and give its significance. They have to also critique a science fiction movie. The Industrial Training Unit for the IC students have also been set up to give them training in Entrepreneurship.

Along with class room teaching special focus is on class participation in terms of seminars etc. Also other teaching aids like OHP, power point presentations etc are used regularly.

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 more of our staff have registered for PhD. The following

faculty were awarded PhD. Sebastian V.A from S.P. University, Minal Madhav from M.S. University, Pranav Trivedi from Gujarat University. The following faculty has registered for PhD. Prof B A Shah- registered for Ph D degree (Kadi University under Dr Mallika Sanyal), Disha Tilala registered for Ph D degree. (Kadi University under Dr Denish Karia). Ms.Anita Pardeshi registered for M.Phil and Thanki Nikhil has been awarded M.Phil Degree in 2010.

Forms sold to admitted freshers

	2009-2010
Applied	5602
Admitted	583

Category wise recruitment of freshers during the 2009-10

Sr.No.	Category	2009-10
1.	Christian	120
2.	Open	525
3.	SC	35
4.	ST	37
5.	SEBC	79
6.	Sports	1
7..	Cultural activities	1
8.	Recommended	-
9.	Handicapped	1
10.	Army	-
11.	Foreign	-

Category wise recruitment of freshers

Percentage of students under the categories	2009-10
SC	3.90
ST	6.69
OBC	10.33
Physically Handicapped	0.26
General	78.80
TOTAL : in %	100
Total in No.	1897

Income-wise No. of students

Sr.No.	INCOME (in Rs.)	2009-10
1.	25,000 and below	142
2.	25,001 to 50,000	65
3.	50,001 to 1 Lakh	65

4.	1 Lakh to 5 Lakhs	84
5.	5 Lakhs to 10 Lakhs	44
6.	10 Lakhs and above	23

Results at University Exams for Third Year Arts (2009-10)
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 (2009-10)
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

7. Initiatives towards faculty development programme:

Various activities were initiated towards faculty development such as attending seminars, media involvement, completing doctoral work; Prof Sebastian, Dr Kinnari, Dr Clement, Prof. Francis, Prof Arefa, Prof Rajesh, Prof.Pinky, Dr Atul, Dr Mallika Sanyal, Dr Urmai Shah, Prof. DG Trivedi, Dr Shuchita Mehta, Prof Profaina Christian, Prof Ami Shah, Dr Gadani, Dr Ishwar Mehara, Dr Puransngh Makwana, Dr Momin M, Dr Kushnuma Banaji, Prof Udayan prajapati, and Dr Suresh Thacker presented paper/ attended seminar in 2009-10.

In the annual research seminar of the College held in March 2010. 6 of our staff members, presented their papers. For the 6th 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 four seminars, the annual research seminar, on Effective Communication Skill by the department of Chemistry, AR Sen seminar by department of English, and State level competition on the Bhagwad Geeta by Sanskrit with the collaboration of Shankaraloka, Gandhinagar, on 4th Dec, 2010. The department of Biochemistry continues its training programme for students to clear competitive examinations in Life Sciences. This is the third year of this programme. BIOC: Research seminars on papers published in latest journals by Ten T.Y. BSc. students.

9. *Research projects*

a) *Newly implemented*

Fr. Vincent Braganza, Dr N Ganguly and Dr DG Trivedi have projects with a total outlay of Rs 19 Lakhs..

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.

b) *completed:*

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

Year	Title
Biochemistry/Biotechnology	
2009-10	Plant Tissue Culture, Phytochemical Analysis, Laboratory construction for rural regions
Chemistry	
2009-10	Simultaneous drug determination, Azo dye degradation, Hydroxamic acid synthesis, Characterization of Antimicrobial compounds, herbal drug for Eczema,
Industrial Chemistry	
2009-10	Azo dye synthesis, Extraction of Nickel from chocolates, Presence of different compounds in different food items.
Physics/ Electronics	
2009-10	Phase Transition, Ozone hole on Antarctic region, Nano crystals, Nano particles of Molybdenum and Nickel, Composite polymers, Innovative densitometry
Mathematics	
2009-10	EOQ model, Polar curves and their applications, Divisibility criteria

Statistics	
2009-10	Statistical Analysis of leading brands, stocks, Cell phone customers, Eating out in Ahmedabad.
Botany	
2009-10	Ethnomedicine and folk lore, Green House, Mughal Gardens of Delhi.
Zoology	
2009-10	Soft Shelled Turtle, Endophytic microbes
Economics	
2009-10	Factors affecting Sugar price hike, Media and Economics
English	
2009-10	JRR Tolkien, Shakespeare
Gujarati	
2009-10	Modern Gujarati Literature, Idioms in Gujarati, Development of Gujarat post independence,
Sanskrit	
2009-10	Valmiki, Malvikagnimitram
Psychology	
2009-10	Anxiety and depression in parents of neuro developmentally deficient kids

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

Year	Title
Biochemistry/ Biotechnology	
2009-10	1. Plant Tissue Culture of <i>Sapindus emarginatus</i> for Reforestation 2. Bioterrorism: The Silent Killer
Biology	
2009-10	Histological and Ultrastructural Studies of Rat Testis after Treatment with Aluminium Chloride
Chemistry	
2009-10	Supramolecules– Crown Ethers and Calixarenes
Industrial Chemistry	
2009-10	Photosensitized Heterolytic Fission of Isomeric Bromoanilines
Physics/ Electronics	
2009-10	The Journey of a New Magnetic Nanoparticle – Mn-Zn Ferrite
Economics	
2009-10	Environmental Degradation Due to Irrigation Water and Its Measures with Reference to Gujarat
English	
2009-10	1. The Consequences of the Utterance: Logarithms, Lenin and Self-identifications 2. Proverbs: A Brief Study of Tribal Proverbs
Psychology	
2009-10	1. A Study of the Behavioural Problems Faced by the Elementary School Children Watching TV Violence as Rated by Their Mothers 2. A Study of Gender Differences – In Emotional Maturity and Anxiety Level of Adolescent Students

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. Dr DG Trivedi and Dr N Ganguly got collaborative projects from ISRO. The College continue to have collaboration with IGNOU for the correspondence courses.

Fr. Vincent Braganza and his team continue his rural development programme for the uplift of rural areas, especially in the Bhiloda area where rural women are taught the nuances of tissue culturing. The tissue cultured roses are being sold in Bhiloda areas as it is close to the religious centre, Shamlaji. This is an example of lab to land initiative. 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 19 lakhs as research grant from various agencies.

Dr Vincent Braganza	Biochemis	2009-10	Upliftment of Agricultural Practices among the farmers through Plant Tissue Analysis Laboratory	Gujarat Horticulture Mission	900000
Dr N. Ganguly	Physics	2009-13	Influence of Statosphere-Troposphere exchange on Ozone Variability	ISRO	400000
Dr D.G. Trivedi	Physics	2009-12	Microwave Scattering Properties Of Lunar Rigolith Using Chandrayaan-1 Mini-Sar Data.	ISRO	600000

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 2 faculty have registered for their doctoral work in various universities.

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) Prof. B.B.Bhadauria was awarded 'SANMAN PATRA' by Ahhil Bhartiya Hindi Bhashi Utthan Sangh (ABHBUS) in 2009 for services given to society.
- b) Prof Arti Kumar has been appointed as an examiner for Business English (level 1, 2, 3), Young Learners of English, Key English Test, and Preliminary English Test of Cambridge University.
- c) Dr Urmi Shah received travel grant from UGC to attend 14th World Sanskrit Conference at Kyoto, Japan in 2009.
- d) Fr Dr Vincent Braganza is a Fellow of Gujarat Science Congress
- e) Fr Dr Lancelot D'Cruz is a Fellow of the 'Society of Ethnobotanists'
- f) Drs Sarvar Sherychand, 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.
- g) Dr DG Trivedi, Dr Rajesh Iyer, Dr CJ Clement, Dr Sebastian V, Dr Sudeshna Menon, Dr Arefa Mansuri, Dr Profaina Christian, Dr Nandita Christy, Dr Atul Macwana, Dr Dilip Vasava, were awarded Ph.D in the last 4 years.
- h) A faculty of Physics has won the Indian Association of Physics Teachers (IAPT) four times in the past 4 years under the *Experimental* category (Dr AP Patel).
- i) Dr. S.S.Shah, Chairman, Board of Studies for Biochemistry
- j) Dr. S. V. Sondarva, HOD, continues to be a member of the Zoology Board of Studies, Guj.Univ.
- k) Dr. L. D'Cruz continues to be a member of the Botany Board of Studies, Guj.Univ., also appointed as a member of the IBIOME Independent Ethics Committee. He continues as member of the Nagpal Eye Foundation Ethics Committee.
- l) Dr Mallika Sanyal has been appointed in the advisory committee of Kendriya Vidyalaya Sangsthan West Zone for a period of 3 years.
- m) Dr Atul Makwana and Dr Mallika Sanyal were members of a team to frame CBCS syllabus of SEM I/II of Chemistry subject.
- n) Dr. Khushnuma Banaji has been appointed on the Gujarat University Psychology Study Committee to redesign the syllabus for the undergraduate students

according to the new Semester System.

- o) Dr Shuchita Mehta has been invited as one of the members in Selection committee for Sanskrit Syllabus.

The following students also received awards.

Mr. Parin Bhavsar of TYIC won the first prize in the Oral Category of Science Excellence in Chemistry, Ms. Meghna Chakraborty of SYBT got the first prize in The Minaxi Lalit Science Award for Biotechnology, Ms. Shanaya Shah of SYBT has been selected for Indian Academy of Sciences Summer Fellowship, 2011, Steffi Mac: first prize at AK Ramanujan National Paper Reading Competition (MS University, Baroda). Ruchi Nair of T Y B Sc Chemistry won second prize in poster presentation at Science excellence competition organized by Gujarat University.

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. Students of Xplant sell tissue cultured plants and raise funding.

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**

NSS participate 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.

Year	Name	Achievement
2009-10	Unnati Desai	Selected for RDC Parade and Youth Exchange Programme to Russia
	Manushi Desai	Got 3 Gold Medals in CATC Camp in Air Wing
	Krunal Khatri	Got Gold Medal for best cadet in CATC Camp

b) 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.

Jagrat activities 2009-2010

Date	Place	No. of attending	Remarks
18.7.2009	SXC Hall	138 students	
30.8.2009	SXC Hall	227 Students	Students from 11 colleges besides SXC
23.9.2009	SXC Hall	22 Students+5 faculty members	For the First year students
04.10.2009	SXC Hall	35 Students+5 faculty members	
October 2009	South Gujarat and North-East Gujarat villages	32 Students	Places visited Dediapada, Umarpada, Mandal, Vyara, Unai, Samgahan, Zaroli
23.11.2009	SXC Hall	20 Students	
30.11.2009	SXC Hall	25 Students	
13.12.2009	SXC Hall	33 Students	-Visited Gurjari Bajar
12,13.09.2009	Koba, Gandhinagar	36 Students	-For the second year students
5,6.12.2009	SXC	31 Students	-For the second year students
4,5.09.2009	SXC Hall	34 Students	
14.12.2010	Shabharmati river front	30 Students	-First year students visited the place

c) UTKARSH FOR PHYSICALLY & VISUALLY CHALLENGED STUDENTS

The College has made a special effort to grant admission to differently able 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 4th *sneh-milan* for differently-abled students of all the Colleges of A'bad on our campus.

d) 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.

e) **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. Eleven faculty have been appointed on temporary basis to take care of the increased workload in both teaching and administration.

The Government has made a policy decision to restrict new staff of a permanent nature in Grant-in-aid colleges. The Table below gives an overall summary of the posts that Xaviers should be given (grantable posts). With reference to these, we have listed below in the same table the posts that have been filled earlier through the Government. As seen in the table below, almost every department of the college does not have the required number of staff, and hence management has on its own cognizance appointed a number of teachers on contract. This implies a heavy financial burden over and above the grant deficits that are not covered by the Government. Purely in terms of ensuring staff availability, the management is investing in the range of 20 Lakhs this year. This is bound to continue and increase in the coming years with staff retiring and Government continuing with their no recruitment policy. The number of students in each department who face the problem created by the Government is also indicated below.

TABLE					
	Grantable Posts	Filled Posts	Vacant Posts	Management Filled Posts	No. of students majoring
Economics	6	4	1	1	210
English	6	4	1	2	120

Functional English	-	-	1	1	90
Gujarati	2	1	1	1.5	90
Hindi	1	1	-	-	0
Psychology	5	4	1	1.5	210
Sanskrit	3	3	-	-	90
Biochemistry	8	5	3	1	180
Biotechnology	-	-	-	2	90
Botany	4	4	-	-	120
Chemistry	9	7	2	-	120
Electronics	5	5	-	-	60
Industrial Chemistry	-	-	-	2	90
Mathematics	6	3	2	1	120
Physics	9	8	1	1	120
Statistics	7	3	3	2	120
Zoology	4	3	1	-	120
Computer Methods	1	0	1	-	

The table below shows clearly that though management is bringing in staff at its own expense, they are limited in their capacities to meet the complete need, and hence the student to staff ratio though lowered in each department case, does not meet the ratio attainable of Government sanctioned grantable posts.

	Student Ratio by grantable posts	Student Ratio by filled posts	Student Ratio by existing posts + posts by management
Economics	35	52	42
English	20	30	20
Functional English	45	-	90
Gujarati	45	90	36
Hindi	-	-	-
Psychology	42	52	38
Sanskrit	30	30	30
Biochemistry	22	36	30
Biotechnology	45	45	45
Botany	30	30	30
Chemistry	13	17	17
Electronics	12	12	12
Industrial Chemistry	45	45	45

Mathematics	20	40	30
Physics	13	15	13
Statistics	17	40	24
Zoology	30	40	40
Computer Methods	-	-	-

The following were inducted into the corresponding departments of the college in lieu of teaching posts not been granted by the Government.

Department	New Staff Members
Biochemistry	Ms. Minal Madhvan
Chemistry	Mr. Viral Bhavsar, Mr. Krunal Gandhi, Ms. Hetal Mistry, Mr. Subodh Panchal
English	Ms. Catrinel Dunca
Maths	Mrs. Sumaiya Soniwala
Statistics	Mr. Ankit Bhojak, Mr. Sanjay Christian
Vocational Cell	Ms. Chandni Bhatt (BT), Dr. Pranav Trivedi (IC)

New HODs were appointed in the following departments:

- Dr. Atul H. Macwana as the Head of the Chemistry Department.
- Dr. Sarvar Sherrychand as the Head of the English Department.
- Dr. Shanti Prasanna as the Head of the Maths Department.

20. *Teaching- non teaching staff ratio:* 3.6:1

21. *Improvements in the library services:*

Our Library has 71,339 volumes. We subscribe to 27 Journals (12 in English, 15 in Gujarati) and 28 periodicals (13 in English, 15 in Gujarati). Library also added 969 reference books at a cost of 4,80,086.

	2009-10	
	No	Total Cost
Text books	224	68331

Reference Books	969	480086
Journals	21	
Periodicals	35	

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

This year we have added 224 textbooks worth Rs. 68,331 and 969 reference books worth Rs. 4, 80, 086.

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 respective faculty and a summary report was submitted to the principal. Staff was asked to look at the evaluation and do the needful.

24. *Unit cost of education:*

Year	2009-10
Annual Expenditure	36193854
Annual Expenditure (salary excluded)	4097616
No. of students	1814
Unit Cost of Education	19952
Unit Cost of Education (salary excluded)	2259

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:

The vocational cell has added instruments (a digital balance) in the lab worth Rs. 21,000 and a digital water bath: Rs. 10,000. The department of chemistry purchased a set of Instrument specially for PG practical section at a cost of approx 67300.

The total amount of support received from the Gujarat Government in the form of grant-in aid is given below table. 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 most of the expenses. In the year 2009-10, a deficit of Rs.1,68,704/- is seen. In instances like this, Fixed Deposits of the Trust are usually prematurely broken to cover the deficit.

Receipts		Expenditure	
Particulars	2009-2010	Particulars	2009-2010
St. Xavier's College Govt. Grant Salaries	3,20,96,238.00	St. Xavier's College Staff Salaries	3,20,96,239.00
Maint. Grant	2,93,044.00	Lab. Lib. Taxes, Misc., Rent, Grants contribution, etc.	27,14,134.00
Tuition Fees (*)	8,14,125.00	Tuition Fees paid to Government	8,14,125.00
Lab. Lib. & Other Rcpts.	4,60,969.00		
Trust Contribution	19,60,122.00	Other Expenses	50,01,772.00
		Educational Expenses	30,61,235.00
Other Rcpt. Donation interest	16,42,381.00	Students' Activities	7,29,777.00
Educational Income	66,59,935.00	By Administrative Expenses.	5,78,382.00
Students' Activities	9,00,146.00	TOTAL:	4,49,95,664.00
TOTAL:	4,48,26,960.00	Particulars	2009-2010

27. Technology upgradation:

No technology upgradation has been done in computer department. However, an annual maintenance contract was signed with XRF to the tune of Rs.1,05,840.

	2009-10
Procurement	Nil
Upgradation	Nil
Accessories	Nil
Maintenance	105840
Total	105840

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

This year the department of Physics opted for an advanced training in Flash to enhance the faculty in teaching.

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). Thus there are 408 students who receive scholarships to take care of all their academic expenses. There was UDAN scholarship for girl child in Science. 91 girls students received the help. The actual percentage of scholarship received under each category is given below.

	Type of scholarship	Number of scholarships	Amount	Total
2009-10	Research	70	33000	2194804
	SC	50	156095	
	ST	110	1452980	
	OBC	111	255729	
	Phys. challenged	14	34500	
	Management help	53	262500	

	2009-10
(Actual no. of beneficiaries in bracket)	
State Govt.	(285) 15.7%

Central Govt	0
FAEA	(4) 7.6%
Foreign (UDAN)	(91) 5%
Institutional	(8) 0.44%
Total no. of students	1814
Total Beneficiaries	28.74%

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) 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:*

This year 158 of our students (116 boys and 42 girls) took part in 23 events (12 for boys and 9 for girls) and 58 of them (47 boys and 11 girls) advanced to the Inter University/National Level. In the boy's section, we took part in hockey, cross-country race, tennis, football, chess, table-tennis, cricket, volleyball, judo, basket ball, badminton, boxing, swimming, kho-kho, athletics and weight lifting and achieved the top position in cross country, hockey, football and athletics, second in basket ball.

In the women's section we took part in judo, tennis, cross-country, table tennis, basket ball, volley ball, athletics and badminton out of this our college stood first in tennis cross-country and athletics. Second in basket ball and table tennis.

	2009-10
No. of students participated	158
No. of items participated	24
Champion	7
Runner Up	2
No. of students selected for West Zone Inter University	30

This year our college organized two tournaments on our left staff member one is Maj. U.H. Padheriya road race tournament and the another is Fr. Donald Dias Football tournament.

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.

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

The tables below indicate the admission numbers. In continuation of our set up, admissions took place immediately after the higher secondary results were declared. While numbers in Arts stabilize in a very short period of time, actual intake of students in

Science continues even up to Oct.-Nov. But perhaps a point of greater concern is the cut-off percentages for the various subjects in Science. Because of the policy of the Gujarat Government to promote self financed engineering and medical institutions, our cut-off for all subjects' hovers at the pass class level. Biotechnology is the only subject where the cut-off is in the range of 70-75%.

TABLE					
Incoming Freshers in the Arts Faculty					
Year	No. of students admitted	No. of students enrolled	No. of students left before enrollment	No. of students appeared in University Exams	No. of students departed after enrollment
2009-10	321	281	40	260	21

TABLE					
Incoming Freshers in the Science Faculty					
Year	No. of students admitted	No. of students enrolled	No. of students left before enrollment	No. of students appeared in University Exams	No. of students departed after enrollment
2009-10	558	375	183	282	93

Students who join Xavier's come from various strata of society. The 2 tables given below clearly indicate the various strata from which our students consistently hail, and further show that we have a healthy mix of economical strata, social strata and religious strata though we are a religious minority institution. This is indicative of the Xavier's policy of inclusiveness

Category-wise No. of students

Sr.No.	Category	2009-10
1.	Christian	120

2.	Open	525
3.	SC	35
4.	ST	37
5.	SEBC	79
6.	Sports	1
7..	Cultural activities	1
8.	Recommended	-
9.	Handicapped	1
10.	Army	-
11.	Foreign	-

Category wise recruitment of freshers

Percentage of students under the categories	2009-10
SC	3.90
ST	6.69
OBC	10.33
Physically Handicapped	0.26
General	78.80
TOTAL : in %	100
Total in No.	1897

Income-wise No. of students

Sr.No.	INCOME (in Rs.)	2009-10
1.	25,000 and below	142
2.	25,001 to 50,000	65
3.	50,001 to 1 Lakh	65
4.	1 Lakh to 5 Lakhs	84
5.	5 Lakhs to 10 Lakhs	44
6.	10 Lakhs and above	23

The overall results for Arts and Science as indicated in the Tables 2.1 and 2.2 below clock in at around 98%. The significance of this must be seen specially in Science in terms of the intake of freshers where we have pointed out that the cut-offs are now hitting the pass class (excepting Biotechnology). In this connection, though a significant number join the College with less than 40% marks, over 94% pass with over 45% marks.

Results at University Exams for Third Year Arts (2010)

Overall Result: 98.34%

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	5	51	56	-	4	4	5	3	8	2	7	9	12	65	77
Second	11	39	50	3	7	10	11	10	21	3	5	8	28	61	89
Pass	3	2	5	2	-	2	3	-	3	2	-	2	10	2	12
Fail	1	-	1	-	-	-	1	-	1	-	-	-	2	-	2
W-Held127	-	-	-	-	-	-	1	-	1	-	-	-	1	-	1
Absent	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1
TOTAL	20	93	113	5	11	16	21	13	34	7	12	19	53	129	182

Results at University Exams for Third Year Science (2010)

Overall Result: 97.56%

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	34	71	105	1	3	4	2	1	3	10	9	19	47	84	131
Second	39	43	82	-	1	1	1	1	2	7	9	16	47	54	101
Pass	4	1	5	-	-	-	-	1	1	2	-	2	6	2	8
Fail	-	3	3	-	-	-	1	-	1	-	-	-	1	3	4
Reserved	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1
W-Held127	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1
TOTAL	79	118	197	1	4	5	4	3	7	19	18	37	103	143	246

The toppers' list given below is gleaned from the Gujarat University website. Gujarat University has over 350 Arts, Commerce and Science colleges. In the Arts faculty, it would be safe to say that there are at least 50 colleges if not more, and in the Science faculty there are at least 25 colleges if not more. The lists of toppers of Xaviers analyzed against this background highlight the significance of the achievements of the College in the University examinations.

Xavierites among 50 Toppers of University

FYBA		SYBA		TYBA		FYBSc		SYBSc		TYBSc	
2009 - 10						2009 - 10					
Rank	Dept.	Rank	Dept.	Rank	Dept.	Rank	Dept.	Rank	Dept.	Rank	Dept.
3	ECO	2	PSY	1	SAN	2	MAT	1	MAT	3	MAT
7	ECO	4	ECO	4	PSY	3	MAT	2	STA	8	STA
8	ENG	5	ECO	5	PSY	5	PHY	4	BOT	10	BOT
9	ENG	10	PSY	6	PSY	22	BT	12	BT	18	STA
10	ECO	11	PSY	12	PSY	38	BIC	13	MAT	19	BT
16	ECO	32	ECO	18	PSY	42	BT	15	BT	24	BIC
21	PSY	35	ECO	19	PSY	50	BT	20	MAT	25	MAT
31	ENG	45	ECO	23	PSY			24	BT	26	MAT
33	PSY			24	PSY			31	PHY	32	STA
43	ECO			25	PSY			33	BT	33	MAT
50	SAN			28	SAN			38	ZOO	34	CHE

			33	SAN			39	CHE	35	BT
			34	PSY			40	CHE	36	ZOO
			35	PSY			43	PHY	38	BIC
			38	PSY					44	BIC
			41	PSY					47	PHY
			42	PSY						
TOTAL = 11		TOTAL = 8		TOTAL = 17		TOTAL = 7		TOTAL = 14		TOTAL = 16

Independent surveys done by India Today have consistently placed the college among the top 25 in the country (in both Arts and Science). The India Today Survey gives city-wise ratings as well as national ratings. The city-wise ratings given below in gives comparative data with respect to our competition in arts and science colleges in the Ahmedabad city.

TABLE	
India Today's Rankings of the Top 5 Arts Colleges in the city of Ahmedabad	
Year	2010
Rank	
1	St. Xavier's College
2	H.K. Arts College
3	L.D. Arts College
4	B.D. Arts College
5	Shri Umiya College for Girls

TABLE	
India Today's Rankings of the Top 5 Science Colleges in the city of Ahmedabad	
Year	2010
Rank	
1	St. Xavier's College
2	M.G. Science Institute
3	Gujarat Arts & Science College
4	C.U. Shah Science College
5	K.K. Shah Jarodwala Maninagar Science College

It should be noted that of the 5 colleges that are ranked from the city of Ahmedabad, in both Arts and Science, in the India Today survey; St. Xavier's College is the only one that figures in the top 50 list of India's best colleges, both in Arts and in Science.

Highlights of the Results of the annual exams of your department (including names of students who stood 1st in the Uni):

First Year Results: (Biotech) Shanaya Shah 22nd Rank, Meghna Chakraborty 42nd rank Shailee Patel 50th rank. Second Year Results: (Biotech) Aara Patel 10th rank, Chinmayee

Shah 13th rank, Kanisha Shah 24th rank, Malvi Shah 32nd rank. SAN: Third Year Kum.
 Mana Apoorva Shah stood First in the Uni.

ECO: F.Y.B.A. (2009-10)

RANK	NAME
3	Desai Manushi Satyajeet
7	Khan Shagufta Ehtiram
10	Shafali Sharma
16	Shah Atman Hemantkuamr
43	Iyer Anusha V.Sasthamani

S.Y.B.A. (2009-10)

RANK	NAME
4	Bhati Bharatbhai Gowaji
5	Shah Aadhya Dinesh
32	Mehta Miloni Atul
35	Sharma Shivendra Ashokkumar
45	Justin Johnson

PSY:

Name of Rankers		Rank
1) Khatri Krunal	(FYBA)	21
2) Soni Devangi	(FYBA)	33
3) Nair Sudipti	(SYBA)	02
4) Mehta Veli	(SYBA)	10
5) Shah Heer	(SYBA)	11
6) Mehta Anushree	(TYBA)	04
7) Koshti Mittal	(TYBA)	05
8) Acharya Bhagyashree	(TYBA)	06
9) Shastri Ranjani	(TYBA)	12
10) Vala Devika	(TYBA)	18
11) Khetani Salim	(TYBA)	19
12) Sharma Ruhi	(TYBA)	23
13) Shah Kinjal	(TYBA)	24
14) Mankad Purnam	(TYBA)	25
15) Trivedi Shriyaa	(TYBA)	34
16) Jadwani Priyanka	(TYBA)	35
17) Trivedi Pooja	(TYBA)	38
18) Sheikh Shafika	(TYBA)	41
19) Mirza Gulzar	(TYBA)	42

b) co-curricular & extracurricular activities:

50 of our students participated in all 26 events of the Youth Festival and 33 of them got Prizes in 10 events in South Elisbridge Zone. In the interzonal, we won in 6 items.

Zonal	2009-10
No. of events	26
No. of participants	50
Won in	10
Interzonal	
No. of events	26
No. of events participated	10
Won in	6
National	
No. of events	-
No. of participants	--
Won in	

Prizes won in the following events:

- 1) Classical Vocal
- 2) Indian Group Song
- 3) Western Solo
- 4) Western Group Song
- 5) Poetry Recitation
- 6) Debate
- 7) Skit
- 8) Mimicry
- 9) Poster Making
- 10) Cartooning

INTER-ZONAL: 22nd to 23rd October

RESULTS

- | | | |
|-------------------------|---|--------------|
| 1) Indian Group Song | : | First Prize |
| 2) Poetry Recitation | : | First Prize |
| 3) Debate | : | Second Prize |
| 4) Skit | : | Second Prize |
| 5) Classical Vocal Solo | : | Third Prize |
| 6) Western Group Song | : | Third Prize |
| 7) Cartooning | : | Third Prize |

West Zone held in December 2009 at Bombay

Participants of Indian Group Song went to represent Gujarat University.

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.

9th June 2009-the superiors of the student religious met with fr. V. Braganza to discuss and share about the vision of the programme for students. Fr. Donnish, Fr, dimness. Fr. Roland. Br. Johnson sr. Louisa cm. Sr. goretta ccv, sr, rose, sr. Mary James took part in this meeting. The rector of st. josephs seminary did not attend the same.

15th June College reopened. We had a mass for the Christian students on this day. The students of premal jyoti animated the mass.

18th June we had the first meeting of the student religious. 48of them took part in the same. In the morning session we explained to them about the various activities that is possible in the college. in the noon session Vincent saldanah addressed the students and talked about teamwork and self gift. The programme was from 8.30-4pm. Pro. Clement, Johnson Roland and Mary James with lancy and vincy guided the programme.

25th June a programme for the administrative staff.the administrative staff took the initiative and animated the programme. Fr. Vinayak addressed the group.

13th july a programme for the religious students.

17th to 19th Baroda . jeevan darshan extension programme.

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 (Wipro, Mahindra Finance, SNL Financial India Ltd, Abellon Clean Energy, etc.) came over for campus interviews. Over 110 students participated in various campus interviews.

Year	Date	Name Of Company	No. Of Participated Students	No. Of Recruitments
2009	3/3/2009	WIPRO BPO	19	19
	3/3/2009	Mahindra Finance	38	-

	7/3/2009	SNL Financial India Ltd.	21	3
	1/6/2009	Sterlite	8	8
	16/12/2009	Abellon Clean Energy	10	3
	-	Oxygen Healthcare	15	2
	-	Thermax	-	2

38. Development programmes for non-teaching staff: 3.6:1

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.

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:

Though there was no new linkage established, SXC continued the earlier linkages. Fr. Lancy collaborated with ALBOAN (Spain), SKYQUEST Labs, Bllatter Herbarium (Mumbai), Jeevantirth and Manthan (A'bad) for research activities in medicinal plants.

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.

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

Publications of the faculty

D'Cruz L., "Socioeconomic Development and Traditional Medicinal Plant Knowledge Protection ; Dediapada, South Gujarat" at the First Int. Conference on Conservation marketing and Patenting of Medicinal Plants (ICCMP) held at Raipur, Chattisgarh, March 14-17, 2010. (publication awaiting)

D'Cruz L., "Conservation of Ethnomedicinal Biodiversity through an Economic and Conservation-oriented, Sustainable Enterprise: the Dediapada experience" at the Int. Conference on Folk and Herbal Medicine held at Udaipur, Rajasthan, Nov. 25-27, 2010

D'Cruz L., "Ethnobotanical studies leading to an economic and conservation-oriented, sustainable enterprise: the Dediapada experience." at the National Symposium on 'Cultural & Ecological Aspects of Plant diversity of Coastal India with Thrust on Conservation' organized by the A.P.T.(Dehradun) and Society of Ethnobotany at Sawantwadi, Sept. 22-24, 2010.

D'Cruz L., "Reducing threats through an economic and conservation-oriented sustainable enterprise: the Dediapada experience" at the Nat. Symposium on 'Medicinal Plant: A Promising Resource of the Country' held at Dept. of Biosciences, VNSGU, Surat, June 9-10, 2010.

D'Cruz L., "Transforming Tribal healers into Entrepreneurs: the Dediapada experience" at the Int. Conference on 'Global Warming: Agriculture, Sustainable Development and Public Leadership' held at Guj. Vidyapith, Ahmedabad, March 11-13, 2010.

Jignesh M. Parekh, Rajendrasinh N. Vaghela, Dipen K. Sutariya, Mallika Sanyal, Manish Yadav, Pranav S. Shrivastav

Chromatographic separation and sensitive determination of teriflunomide, an active metabolite of leflunomide in human plasma by liquid chromatography tandem mass spectrometry. (2010) *Journal of Chromatography B*, 878, 2217-2225.

Pranav S. Shrivastav, Shailesh M. Buha, Mallika Sanyal

Detection and quantitation of beta-blockers in plasma and urine. (2010) *Bioanalysis*, 2(2), 263-276.

Manish Yadav, Puran Singhal, Sailendra Goswami, Umesh C. Pande, Mallika Sanyal, Pranav S. Shrivastav

Selective Determination of Antiretroviral Agents Tenofovir, Emtricitabine and Lamivudine in Human Plasma by a Validated Liquid Chromatography Tandem Mass Spectrometry Method for Bioequivalence study in Healthy Indian Subjects. (2010) *Journal of Chromatographic Science*, 48, 704-713.

Bhavin N. Patel, Naveen Sharma, Mallika Sanyal, Pranav S. Shrivastav

Liquid chromatography tandem mass spectrometry with electrospray ionization for the determination of loratadine and descarboethoxyloratadine in human plasma. (2010) Journal of Chromatographic Science, 48, 35-44.

Arti Kumar. 'Technology and the Path to Critical and Aesthetic Response'. ELT Quarterly. 11, 03-04, March 2010.

Catrinel Dunca. 'Cloistered Selves--Tiptoeing through Conflicting Spaces in The Diary of Mira Yagnik.' In proceedings, 'The Changing Image of Woman in Indian Literature', State level seminar, Sept. 2010

Khushnuma Banaji's paper titled : "A Study Of Gender Differences – In Emotional Maturity and Anxiety Level Of Adolescent Students" was published in 2010 in the "Research Annals Of Xavier's" Ahmedabad.

Arefa Mansuri's paper titled : "A Study Of Behavioral Problems Faced By The Elementary School Children Watching T.V. Violence As Rated By Their Mothers." Was published in 2010 in the "Research Annuals Of Xavier's" Ahmedabad.

Dr. Shuchita Mehta edited the book titled "तत्त्वोपप्लवसिंहः", translated by Late Dr.E.A. Solomon, and got it published by Parimal Publications, New Delhi, 2010.

Dr Urmi Shah- got her paper titled, " Shulk in Indian Tradition" published in the Journal of the oriental Institute Baroda, July,2010.

Sudeshna Menon presented a poster at the 32nd PTCA meeting and Conference on Recent Trends in plant Tissue culture and Biotechnology held at Bikaner from 4th Feb to 6th Feb, 2011.

Anupam Joshi, Shailee Patel, Nakshi Desai, Meghna Chakraborty, Shanaya Shah, Chinar Shah, Shaunak Deota of S.Y Biotech had given oral/poster presentations at Science excellence 2011.

Rutesh Savaliya of IC also gave oral/poster presentations at Science Excellence 2011.

1 Oral and 8 poster presentations

Prof Disha Tilala presented a poster in International conference at Saurashtra University, Rajkot

Mahesh Sorathiya a student of T Y B Sc chemistry- presented a poster at North Maharashtra University Jalgou

Prof. Ami Shah has attended a University Grants Commission sponsored National Seminar on "Sustainable Development in Gujarat – Success and Failure" on 20th and 21st March, 2010, organised by L.D. Arts College, Ahmedabad, and presented a paper on "Water and Sustainable Development in Gujarat".

Steffi Mac and Tracy Arrakkaparambil presented papers at the AK Ramanujan Paper Reading Competition organized at MS University Baroda (National)

Catrinel Dunca: National ('Indian Women's Writing in English', CN College, Visnagar) ; International ('Theory at Work', BHU, November 2010; 'Cultural Studies Workshop,' CSSS Calcutta, Ford Foundation and SEPHIS, January 2011)

Prof. Profaina Christian presented a research paper titled : "Stressful Life Events and Distress Of College Graduates" at a national level conference held at Vanraj Arts and Commerce College, Valsad on 15th and 16th January, 2011.

Arefa Mansuri, presented a research paper titled : "The Life Events Stress and Psychological Wellbeing Of The Women Working In Private Organizations" at a national level conference held at Vanraj Arts and Commerce College, Valsad on 15th and 16th January, 2011.

Shuchita Mehta attended 18th International Congress of Aesthetics, at Beijing, China, Aug-2010, and presented the paper on " Aesthetic Pleasure: A unique synthesis of the Upanishadic Thought and Indian Poetics" which was held at Peiking Uni, Beijing, CHINA ,in AUG, 2010.

Urmi Shah attended the National seminar and presented the paper titled, " Position of Women as reflected in Shulk" , held at Dr P.V.Kane Institute, Mumbai, Aug, 2010.

Urmi Shah's paper titled," State craft in the Vedas' was presented [In Absentia] at Mumbai Uni, Dec 2010.

Urmi Shah will be attending the National Seminar and will be presenting the paper titled," Ethics as Reflected in the Teaching of Vidura & Kunika, being held at Anantacharya Indology, Mumbai, Feb,2011.

Ishwara Mahera presented the paper titled," ચર્ચક દર્શન માં વિશ્વ સંબંધી વિચાર" at Arts and Commerce College, Chanasma on 27-28 March, 2010

Students' participation.--- Kum Priyanka Ramanandi took part in elocution competition organized by St. Xavier's college. Dec 2010

Kum Ramanandi Priyanka ,and Saolanki Bharati took part in elocution competition organized by L.D.Arts college, Dec, 2010

Kum Kashiwala Dharmagna and Kum Ramanandi Priyanka presented papers on the Heroines in Kalidasa's Dramas. at N.S. Patel College, Anand, Jan 2011.

Staff/Students who went abroad for academic purpose:

Dr Niraml Desai is presently on study leave to Hungary for his post Doctorate fellowship (Studies).

Dr Shuchita Mehta attended 18th International Conference held at Peiking Uni, Chaina in Aug. 2010

Staff/Students who attended Seminars but did not present papers (State/National/International)

Ms. Meghna Mukherjee, Ms. Anjali Dave and Mr. Keval Joshi of T.Y.B.Sc.(Zoology) had attended a 2-days State level Seminar-cum-Workshop on "Alternatives to Animals in

the field of Biosciences” held at Zoology Dept. Univ. School of Sciences, Guj. Univ. Ahmedabad, Sept. 22-23, 2010

Dr. L. D’Cruz attended the AYUSH sponsored Seminar on “Herbal Drugs” held at K.B. Inst. of Pharm. Edu. and Research, Gandhinagar, Jan 22, 2011.

Dr. L. D’Cruz attended a Workshop on “Strategic Planning” organized by ALBOAN at Jeevan Darshan, Vadodara, Nov. 10-13, 2010.

Dr. L. D’Cruz attended the “Sensitivity Training” organized by INITIATIVES & INTERVENTIONS held at Mussoorie, Uttranchal, April 12-16, 2010.

Dr. L. D’Cruz attended the 1 day training course on “Good Clinical Practice” organized by INVESTIGATOR’S FORUM, May 22, 2010.

Dr. M. H. Gadani attended State Level Workshop on “Climate Change & Its Impacts” at AMA, organized by the GEC, Gandhinagar, April 22, 2010.

Dr Atul Makwana, Prof Francis Christy and Dr Mallika Sanyal attended One day seminar organized by Gujarat university Chemistry department and ACTI. Dr Atul Makwana was also a member of the organizing team of this seminar.

Prof. Ami Shah participated in a two-days workshop on “Academic and Administrative Audit” organized by Knowledge Consortium of Gujarat, Gandhinagar, at AMA, Ahmedabad on October 4th-5th 2010.

The following students: Shrushti Pandya, Shefali Sharma, Saumya Nair, Rajshekar Swamy, Anusha Iyer (all SY) and Aarti Pereira of TY attended an International Economic Fest held at Sri Venkateshwara College, New Delhi in October 2010. The following students: Soumya Nair, Jannet John, Shagufta Khan and Sneha Aggrawal of SY and Maitreyi Purohit of TY participated in a All India Economic Seminar organized by St. Xavier’s College, Mumbai in December 2010. The following students: Shefali Sharma, Anusha Iyer, Gaurav Singh, Abilash Nair of SY and Disha Sehgal of TY participated in EBizz, a National Economic Seminar in Bangalore in February 2011.

Arti Kumar: Seminar on ‘How to Do Research in Education and Social Sciences’

Miriam Abraham: AICUF seminar

P.U.Makwana –State Level Seminar –H.K. college 11/12/10

Anita Pardeshi –State Level Seminar –School of Language Guj. Uni.

Hegan Seltan –T. Y.Student Attended State level Vanchan Shibir

Dr. Khushnuma Banaji and Prof. Arefa Mansuri attended the State level workshop on “Psychological Profiling” organized by the department of Psychology Gujarat University on 26th September, 2010

Prof. Profaina Christian and Prof. Arefa Mansuri attended State level seminar on Para-Psychology and Hypnotism at Sadguna Arts College, Ahmedabad on 1st October, 2010

Prof. Profaina Christian attended a workshop of the Asian Centre for Cross Cultural Studies held at Chennai on 11th and 12th February, 2010, Prof. Profaina Christian and Prof. Arefa Mansuri attended a National Workshop on “Brain At Work” held at A.M.A., Ahmedabad on 23rd January, 2011.

Students Participation

(A) Rorschach's Inkblot Test Workshop at Surat

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|-------------------|-----------------------|
| (1) Jinal Bhatt | (5) Trisha Gupta |
| (2) Alisha Zaveri | (6) Purvi Kamaliya |
| (3) Hiral Shah | (7) Jahanvi Andrudkar |
| (4) Vama Dalal | |

(B) State Level Workshop on Para Psychology and Hypnotism.

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|----------------------|---------------------|
| (1) Jasera Harsoliya | (3) Saloni Shah |
| (2) Mansi Joshi | (4) Shruti Agrawal. |

(C) Workshop on Body language, Time Management and Emotional Intelligence

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|---------------------|-----------------------|
| (1) Anushree Shah | (5) Jessicinta Coelho |
| (2) Archana Thavani | (6) Krunal Khatri |
| (3) Gitanjali Kapur | (7) Kajal Dave |
| (4) Divya Ramani | (8) Sonia Dey |

(D) National A.I.C.U.F. Seminar held at Chennai

- (1) Krunal Khatri
- (2) Miriam Abraham

(E) National Workshop on Effective Parenting

- (1) Sanjeev Neelam Kerkatta

Poster Presentation on the topic "Child Psychology and Development" held at Gujarat University, School of Psychology

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|-------------------|--------------------|
| (a) Sudipti Nair | (c) Sarah Kurian |
| (b) Alisha Zaveri | (d) Monica Cherian |

Staff/Students who gave radio/tv/media in general interviews/talks etc:

Dr. S. V. Sondarva and Dr. M. D. Momin gave LIVE television presentations at BISAG, Gandhinagar, for the GUJSAT educational channel, for the Zoology subject.

Dr. K. J. Dubal gave LIVE television presentations at BISAG, Gandhinagar, for the GUJSAT educational channel, for the Botany subject.

Dr. L. D'Cruz participated in a radio discussion on Gyan Vani (IGNOU) on "World Food Day", Oct. 16, 2010.

Dr Mallika Sanyal spoke on FM Channel 106.5 'GyanVani' as a expert on Future of Chemistry as 2011 is Celebrated as the year of chemistry.

Dr Atul makawana gave a very short interview on Utarayan on TV channel 9

Prof. Pinky Desai delivered BISAG Lectures on a regular basis.

Venaben Sheth- Gave Radio talk

Dr. Khushnuma Banaji's interview was published in "Femina" – Gujarat Special on 29th December, 2010,

Prof. Profaina Christian delivered a BISAG Lecture.

Dr Shuchita Mehta was invited for discussion on TV [DD Girnar] [in SAKHI SAHELI]