

ST. XAVIER'S COLLEGE OF ARTS, SCIENCE AND COMMERCE MAPUSA-GOA

2012 – 2013

PART A

THE PLAN OF ACTION CHALKED OUT BY THE IQAC FOR ACADEMIC EXCELLENCE AND THE OUTCOME ACHIEVED BY THE END OF THE YEAR 2012 – 2013.

The academic year 2012-2013 was a momentous one for St. Xavier's College, Mapusa, Goa, as it completed 50 years of excellence in Higher Education. The college celebrated half a century of its commitment and dedication to the cause of higher education, to the community, the state, and the nation at large. The year witnessed the synergistic efforts of all those associated with the institution translate into a plethora of new initiatives, alongside the existing programmes and practices, to commemorate this landmark, Golden Jubilee Year. The celebrations culminated in the release of a **Special Postal Cover and Cancellation** by the Department of Posts, Govt. of India – to make the occasion a memorable one across the country. The release of a special philatelic cover depicting the college edifice, and the cancellation cachet depicting the emblem of the college, serves as a record of the contribution of the college for posterity

To mark the celebration a series of lectures entitled **late Dr. Fr. Nicolau Pereira Lecture Series** was successfully executed. Lectures were delivered in the course of the year, by illustrious personalities like senior scientist Prof. S.R. Dharwadkar (BARC) Trombay, Mumbai, eminent son of the soil, Padma Vibhushan Dr. Anil Kakodkar, Post-Doctorate Fellow, Dr. Pranay Morajkar, and 'Young Scientist Award' recipient, Dr. Kumara Swamy.

Yet another highlight of the year was a special two day **Golden Jubilee Exhibition** as well as a **Goan Culinary Festival** held on campus. They were sponsored by the Directorate of Art and Culture, Govt. of Goa and the Directorate of Science, Technology and Education, Govt. of Goa.

The Alumni Association of St. Xavier's College in association with the Sports Council of the college organized an all-Goa mini marathon, **Xavierathon**, as part of the Golden Jubilee Celebrations and to pay tribute to the Fransalian Institute which served to house the campus of St. Xavier's College in its initial years. The Alumni Association organized a '**Xavier's Reunion 2013**'. The event served as a platform for nearly a thousand alumni and those associated with the college to interact.

The PTA of the college played an active role in the course of the year, by hosting a Konkani drama and releasing a commemorative souvenir to mark the Golden Jubilee Year of the College.

To mark the jubilee celebrations, a documentary "**From A Seedling To A Tree**", was screened, tracing the journey of the college from its inception. It was prepared by the Departments of Mass Communication and Videography, Journalism and History.

Numerous publications were released through the year. A **St. Xavier's Golden Jubilee Research Fund** has been created to encourage the faculty as well as students to take up research projects. '**Spectrum**', an Interdisciplinary Journal of research articles - an in-house publication of the college was released. Faculty members have registered for Ph.D. programmes and have received fellowships to pursue research. The publications include the college newsletter **Xavierwrite**, publication of seminar proceedings, departmental newsletters and e-newsletter, with contributions from faculty as well as students.

Sessions were organized to enhance the professional competence of the teaching staff and the administrative staff. The **Faculty Enrichment Programme (FEP)** for the teaching staff focused on '**Learning Management System**' viz Moodle as a free software e-learning platform. A formative session '**Better Me, Better You**' was held for the teaching staff and parents. 'The non-teaching staff had a session on '**Happy Living**' conducted by the Auxiliary Bishop of the Archdiocese of Delhi Most Rev. Franco Mulakkal.

As a result of the efforts of the Computer Science Dept., teachers as well as students have been encouraged to and have initiated attempts to use Moodle to enhance the teaching-learning experience. Student attendance is recorded on-line. The student evaluation of teachers is also now conducted on-line.

Wi-Fi connectivity on campus has been extended and additional hardware and software has been procured. A new firewall has been installed. This move from Sonicwall to Cyberoam has additional features and the switch from the previous broadband connection to leased line has improved connectivity.

The Department of Chemistry benefitted from the addition of a DTA Analyser, while the Post Graduate Department of Chemistry invested in a Cyclic Voltammetry. Among other things, the department of Botany bought an Electrophoresis Kit and a microscope. The Department of Mass Communication and Videography updated their Video Library. They have a rich collection of nearly 500 movies comprising of world cinema classics and documentaries, as well as a full collection of documentaries made by our students.

The Language Laboratory is being set up. The initial work, like the software, hardware, accessories, etc. has been finalized. The laboratory will be an approximately 60 PC laboratory.

The counseling service on campus has been strengthened. The number of students availing the counseling service has improved. In addition to the Value Education Programme which is a regular feature for the students, a one-day retreat was organized for the students on the theme '**We have found the Messiah, Come and See**'. St. Xavier's also reached out to its student community through the Mentor system. The mentor system was also a conduit this year to channel a unique outreach programme called '**Each One Reach One**'. As part of this initiative, service was rendered to the community at large without expectation of reward. Similarly, in promoting the spirit of giving and facilitating interaction between the staff of the college and the community, the teaching and administrative staff participated in an outreach programme '**Service Beyond Self**'.

Numerous state level competitions were organized by the college including an '**All Goa Inter H.S.S. Essay Writing Competition**', '**All-Goa Inter School Quiz Competition**', '**An Inter Collegiate Bible Quiz**', '**All-Goa Inter Collegiate Elocution Competition**', '**All-Goa Street Play Competition**', '**St. Xavier's Gold Cup Football Tournament**', **Late P.V. Tharakan Inter Collegiate Volleyball Tournament**.

The students of the college continued to excel in academics, securing a number of positions on the final year merit list. On the National level, St. Xavier's was recognized in the special issue of India Today (June 24th, 2013). The findings of a study carried out by the **India Today – Nielsen Survey** places the Dept. of B.C.A. of St. Xavier's College in the list of the 10 Best Colleges of India. Our performance in co-curricular and extra-curricular activities has been commendable with students ensuring victory at various events. In the Sports arena the college bagged the '**Best College for Sports**' award by Goa University for the year 2012-13 and also the **Geno Sports Award** by the Sports Journalist Association of Goa for the **Best College in Sports 2012-13**

PART B

1. ACTIVITIES REFLECTING THE GOALS OF THE COLLEGE:

***Our Vision:** Formation for Transformation.*

***Our Mission:** To provide balanced all round education to young men and women, to be disciplined citizens, who will display a high intellectual caliber together with emotional balance and social commitment and particularly, at helping catholic youth to be committed followers of Christ.*

To realize the Vision and Mission of St. Xavier's College, we are guided by certain Core Values.

A) ADMISSION POLICY

The process of admitting students to the various courses is done through a transparent mechanism complying with the norms laid down by the DHE (Directorate of Higher Education), Govt. of Goa and the Goa University. This mechanism includes selection of candidates on merit, interviews, and admission tests (for specialization courses). A special Admission Committee monitors the admission process. An orientation program for the parents / guardians and for the new entrants at the first year level is conducted, counseling them on the right choice of subjects and briefing them about the ethos of the college. The college has provisions for scholarships and schemes for economically disadvantaged students.

B) CONTRIBUTION TO NATIONAL DEVELOPMENT

Considering development of good citizenship and patriotism as an important value, the college continues to promote the N.C.C. (National Cadet Corps) and the N.S.S. (National Service Scheme). Various activities were organized on campus and beyond as part of social outreach to sensitize students socially and morally, aiming to inculcate in them a sense of pride and belongingness to the country. These activities were meant to inspire our youth to preserve, serve and support our motherland, and also make them aware of the need to safeguard the environment.

Its activities included the annual rural camp and activities for both NSS volunteers and others. These have been listed under No. 18 (Community Services)

The NCC – Boys:

This year 92 cadets were enrolled in the N.C.C Boys / Girls unit. Major. (Dr.) Tushar S. Anvekar is the co-ordinator of the Unit. Mr. Eeshan Usapkar, ex SCUO was selected as Lieutenant in the Indian Army through the NCC.

Besides regular parades on Sundays, the following activities were carried out during the year:

- Independence Day Parade at Hutamta Chowk, Mapusa-Goa.
- 62 Cadets attended an adventurous trek to Tambdi Surla water fall on 9th August 2012.
- Eight cadets attended the ex- NCC achiever award 2012 function organized by ex-Cadets NCC Association on 23rd August 2012 at Kala Academy, Black Box, Panjim.
- Cadets participated in the tree plantation programme on campus on 26th August 2012.
- Cadets participated in the collection of funds for Armed forces flag day.
- Cadets attended the Goa Liberation Day Parade on 19th Dec 2012 at Campal, Panaji.
- Cadets gave the Guard of Honour to the Chief Guest, His Excellency, Governor of Goa, Bharat Vir Wanchoo, for the College Annual day function.
- Cadets gave the Guard of Honour to Chief Guest Dr. Vasant Prabhudesai, Director of Sports, Govt. of Goa, on Sports Day.

Our Cadets were invited to the following camps:

- Sgt. Vipul Parsekar and JCUO Mayur Dalvi attended special NIC at Zakhama, Kohima, Nagaland w.e.f 3rd July to 14th July 2012.
- Sgt. Omkar Kunte and Cadet Lingappa Shenji attended the All India Trekking camp at Belgaum at Kittur Sainik School from 1-15th Oct 2012.
- JCUO Akshaya Shetgaonkar, SCUO Vishvanath Kambar attended Special NIC, Srinagar, Jammu and Kashmir, w.e.f. 19-30th July 2012

- Sgt. Deepali Harmalkar attended Thal Sena Camp at APMC Police ground at Belgaum from 23rd July – 1st August 2012.
- L/Cpl Omkar Kunte and Cadet Ligappa Shenji attended All India Trekking Camp at Girls Sainik School, Kittur, Belgaum, from 1st – 15th Oct 2012.
- 62 cadets attended annual training camp at Shree Bhumika High School, Parye, Sattari, Goa from 29th Oct – 7th Nov 2012.
- The best Cadets' awards were given to SCUO Vishvanath Kambar, JCUO Gulam Ansari and JCUO Priyanka Harmalkar.

The NCC – Girls:

- Lieutenant Mumtaz Mendonca is co-ordinator for the girls NCC unit.
- The NCC year started with a National Integration Camp at Mysore from 26th May to 2nd June 2012 attended by Swati Hiremath and Rashmika Mayekar.
- 3rd July-20th July 2012 – Special National Integration Camp at Dimapur, Nagaland attended by Cynthia Fernandes, Jessica Fernandes, Shweta Satardekar, Sunayna Kerkar and Nakita Fernandes.
- 16th July 2012 – Thal Sainik Camp was held at Karwar, Karnataka. Attended by Swati Hiremath and Sweta Aeer.
- 17th Oct 2012 – Trekking Camp at Ajmer, Rajasthan attended by Shubhada Teli, Sweta Aeer, Rakshanda Mayekar, Diptiben Chabhhaiyya and Swati Hiremath.
- 18th Nov 2012 – Annual Training Camp at Kendriya Vidyalaya, Bambolim
- 21st January 2013 – Army Attachment Camp was held at Navelim, Margao. Nakita Fernandes, Sweta Aeer, Swati Hiremath, Rakshanda Mayekar and Shubhada Teli participated.
- January 2013- Sunayna Kerkar and Samiksha Kole represented Karnataka and Goa Directorate at the Republic Day Camp, Delhi. They secured 2nd position in the Inter-Directorate competitions at the National level.
- 15th August 2012- Independence Day programme organized by NCC girls unit in college.
- 19th Dec 2012- Cadets participated in the parade held at Campal.

C) VALUE BASED EDUCATION

The Institution promotes holistic development that goes beyond the prescribed syllabi. This is intended to internalize and strengthen discipline and values. This is achieved through:

i. Healthy Practices

These include the Morning Prayer, Value Education Sessions, the Mentor Program, Commemoration of International and National events / days / week, among others, to create awareness and sensitivity to issues - local, national and international.

ii. Co-curricular Activities

These are activities intended to cultivate the many latent talents in our students which would supplement and support their classroom learning. These activities are encouraged through the various Cells, Associations, Clubs, Linkages, Seminars, Workshops and Talent fests. The institution has 33 Cells / Clubs / Associations that organize such capacity building activities in the students.

D) FOSTERING GLOBAL COMPETENCIES

Realizing the need for encouraging global competencies in students the college provides for talent search and talent enhancement fora. Towards this end, the institution allows for participation in inter-collegiate festivals both academic and non-academic. These provide a platform for students to discover and showcase their talents and skills in their quest for competition and excellence. We believe these add quality to their character and finesse to their personality. These events will feature in the report.

E) TECHNOLOGY FRIENDLY CAMPUS

In keeping with the need for use of technology for effective learning, St. Xavier's moved a step ahead with the introduction of Wi-Fi connection on campus.

The Language Laboratory has also begun taking shape.

The Library is now computerized and has introduced an e-book section.

The quest for excellence continues to be the motivating and guiding factor in the functioning of this institution.

An e-board has been installed on campus for general information.

2. NEW ACADEMIC PROGRAMMES INITIATED (U.G & P. G):

- Department of Electronics conducts a Diploma in Industrial Automation for Engineers. Topics covered: PLC, VFD, SCADA, HMI
Duration: 150 hours
- Department of Computer Science conducted:
 - Certificate Course on Development of Software for Android
Duration: 72 hours
 - Certificate Course on Flash
Duration: 10 hours

3. INNOVATION IN CURRICULAR DESIGN AND TRANSACTION:

Faculty members are on the Board of Studies in their respective subjects and make contributions to changes in syllabi for the undergraduate courses.

4. INTER-DISCIPLINARY PROGRAMMES:

We have Interdisciplinary papers offered for the three streams in the foundation course category. Students of the B.Sc. are offered papers in Logic, Communication Skills and Indian Culture and Heritage. Students pursuing a B.A are offered Ecology. Information Technology and Environmental Science are courses common to the Science, Arts and Commerce streams

5. EXAMINATION REFORMS IMPLEMENTED:

The College follows the examination pattern prescribed by the Goa University for the Undergraduate and Post Graduate Programmes offered at the College. As per the University Ordinance, two committees are appointed for the smooth conduct of the Intra Semester Assessment (ISA) and the Semester End Examination (SEE). The examination committee and the committee to monitor the ISAs are appointed by the Principal. This committee also functions as the Promotion Committee.

The self financed courses – the Bachelor of Business Administration (BBA) and Bachelor of Computer Application (BCA) the BBA (Travel and Tourism) follow the semester pattern and the continuous evaluation system.

Similarly the Post Graduate Programmes i.e. M.A, M.Com and M.Sc. followed the examination pattern as prescribed in the University Ordinance.

6. CANDIDATES QUALIFIED: NET / SLET / GATE ETC.:

| Sr. No. | Name | NET/SLET/ Ph.D/M.Phil | Year | Subject |
|---------|--------------------------|--------------------------|------|-------------------|
| 1. | Mr. Brian D'Souza | NET (CSIR) | 2012 | Mathematics |
| 2. | Ms. Zarina Chawdari | NET | 2012 | Commerce |
| 3. | Dr. Lakshangy Charya | Ph.D | 2012 | Microbiology |
| 4. | Dr. Cajetan Raposo | Ph.D. | 2013 | Political Science |
| 5. | Dr. Shrikant Naik | Ph.D. | 2013 | Chemistry |
| 6. | Ms. Aloma Lobo | SET | 2013 | Commerce |
| 7. | Ms. Shivta Mayekar | SET | 2013 | Chemistry |
| 8. | Mr. Aaron Paul Fernandes | SET | 2013 | English |
| 9. | Ms. Reema Kanekar | SET | 2013 | English |
| 10. | Mr. Nitin Volvoikar | SET | 2013 | Journalism |

Lecturers who have cleared NET / SLET / Ph.D. / MPhil:

| | Until June 2013 |
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| NET | 20 (UG) 01 (PG) |
| SLET | 36(UG) 03 (PG) |
| Ph.D. | 24(UG) 01 (PG) |
| M. Phil. | 28 |

7. INITIATIVE TOWARDS FACULTY DEVELOPMENT PROGRAMME:

A) FACULTY ENRICHMENT PROGRAMMES

| Sr.No | Title | Date | Resource Person |
|-------|-------------------------------|----------------------------|---|
| 1. | Social And Business Etiquette | 31 st July 2012 | Dr. Cidalia Bodade Faculty, MES College, Vasco |
| 2. | Interaction with Staff | 27 th July 2012 | Dr. Marie Mignon Mascarenhas Director, CREST, Bioethics Cell |

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| 3. | Happy Living | 13 th August 2012 | Rev. Franco Mulakkal Aux. Bishop Archdiocese, New Delhi |
| 4. | Interactive Programme: Communal Harmony and Peace | 23 rd August 2012 | Mr. Pravin Sabnis Founder – President Trainers’ Assoc., Inc. Goa, Certified Trainer - Training Academy of Junior Chamber International, USA |
| 5. | Artificial Intelligence: Super-intelligent Computing Machines | 30 th August 2012 | Dr. Tadeu Gonsalves Sophia University, Tokyo, Japan |
| 6. | E-Library, USA Schemes | 11 th October 2012 | Ms. Lalitha D’Souza (American Library) Ajmal Palakal (Cultural Affairs) American Consulate, Mumbai |
| 7. | Workshop on Microsoft Powerpoint | 7 th – 8 th August 2012 | I.T. Forum St. Xavier’s College |
| 8. | Service Beyond Self Faculty Social Outreach | Nov 2012 – Feb 2013 | St. Xavier’s Golden Jubilee Outreach Programme |
| 9. | Higher Education in a Globalised Economy | 3 rd January 2013 | Dr. Basilio Monteiro St. John’s University, New York |
| 10. | Gender, Identity and Culture | 15 th January 2013 | Prof. Scott Churchill Dept. of Psychology, University of Dallas, Texas |
| 11. | ‘Better Me, Better You’ | 23 rd March 2013 | Fr. Shannon Pereira s.j Pedro Aruppe Institute, Raia, Goa |
| 12. | Faculty Enrichment Program ‘Learning Management System’ | 25 th - 26 th March 2013 | Prof. Ramrao Wagh Dept. of Computer Science, Goa University |

B) REFRESHER COURSES ATTENDED

| Sr. No | Name / Department | Orientation / Refresher | Name of University | Date | Theme if any |
|--------|----------------------------------|-------------------------|--------------------|---|--------------|
| 1. | Ms. Arina Henriques Microbiology | Orientation | Goa University | 15 th Jan. to 12 th Feb. 2013 | ----- |

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| 2. | Mr. Heramb Aiya Mathematics | Orientation | Calicut University Kerala | 30 th Oct. to 26 th Nov. 2012 | ----- |
| 3. | Mr. Brian D'Souza Mathematics | Orientation | Calicut University Kerala | 30 th Oct. to 26 th Nov. 2012 | ----- |
| 4. | Ms. Harshala S. Gad Botany | Orientation | Goa University | 15 th Jan. to 12 th Feb. 2013 | ----- |
| 5. | Ms. Ana Andrade e Souza Economics | Orientation | Goa University | 15 th Jan. to 12 th Feb. 2013 | ----- |
| 6. | Mr. Cajé Francis Pinto Electronics | Orientation | Mumbai University | 22 nd Nov. to 20 th Dec. 2012 | ----- |
| 7. | Dr. Jakati Dadapir M. Geography | Interdisciplinary Refresher Course in Environmental Studies | Mumbai University | 10 th Dec. to 29 th Dec. 2012 | Environment and Sustainable Development |

C) RESEARCH PAPERS PRESENTED

| Sr. No | Title | Presented By | Date | Organisers |
|--------|--|--------------------------|---|---|
| 1. | Does Social Change have a Gender Factor? | Fr. Jeronimo D'Silva | 24 th -25 th August 2012 | Two Day National Seminar, St. Xavier's College, Goa |
| 2. | The Role of Self Help Groups in promoting Women Empowerment | Dr. Janet Fernandes | 24 th – 25 th August 2012 | Two day National Seminar, St. Xavier's College, Goa |
| 3. | Ikkisvi Sadi Ki Dalit Atmakatha | Ms. Magdalene D'Souza | 29 th September 2012 | National Seminar at PRAYAS, Panaji |

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| 4. | Spatial Distribution of Fish Landing Centres in Goa – A Geographical Review | Dr. Dadapir Jakatti | 11 th -13 th October 2012 | National Conference, S.P. Chowgule College, Margao |
| 5. | Pollen Morphology of Some endemic Taxa of Family Acanthaceae | Dr. M. Emilia Mascarenhas | 28 th – 30 th October 2012 | International Symposium and XXII Annual conference of Indian association for Angiosperm Taxonomy, Sant Gadge Baba Amravati University, Maharashtra |
| 6. | FDI in Multi brand Retailing in India – Issues and Challenges | Dr. Filipe Rodrigues e Melo | 9 th -11 th November 2012 | All India Commerce Conference, Mumbai |
| 7. | Can Institutions of Learning be Potential Instruments in promoting Positive Youth Development? – A Case Study Approach | Dr. Janet Fernandes | 7 th – 9 th December 2012 | 4 th International Conference on Life Skills Education, Rajiv Gandhi National Institute of Youth Development, Tamil Nadu and the University of Mumbai |
| 8. | Mannu Bhandari ki Atmakatha – Ek Kahani Yeh Bhi | Dr. Ramita Gurav | 12 th December 2012 | National Seminar, Carmel College for Women, Nuvem, Goa |
| 9. | Endemic Acanthaceae from the Northern and Parts of Central Western Ghats | Dr. M. Emilia Mascarenhas | 14 th March 2012 | UGC – SAP National Seminar, Goa University |

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| 10. | International Financial Reporting Standards – Key Aspects | Dr. Filipe Rodrigues e Melo | 5 th – 6 th January 2013 | All India Accounting Conference, Department of Business Management, Saurashtra University, Rajkot |
| 11. | Samkaleen Hindi Natak | Dr. Ramita Gurav | 22 nd – 23 rd January 2013 | National Seminar, Carmel College for Women, Nuvem, Goa |
| 12. | Purshottam Narvekar Yanche Sahitya | Ms. Aruna Ganu | 1 st – 2 nd February 2013 | National Seminar at Smt. Parvatibai Chowgule College, Margao |
| 13. | Mrudula Garg ka Upanyas – Miljul Man | Dr. Ramita Gurav | 5 th February 2013 | National Seminar, Carmel College for Women, Nuvem, Goa |
| 14. | Tirohit – Gitanjali Shree | Ms. Magdalene D'Souza | 5 th February 2013 | National Seminar, Carmel College for Women, Nuvem, Goa |
| 15. | Krishna Sobti Ki Yayavari Ka Dastavez – Buddha ka Mandal, Laddakh | Dr. Ramita Gurav | 14 th February 2013 | National Seminar, Department of Hindi, Goa University |
| 16. | Factors affecting the Mental Efficiency of Elderly Women in Goa | Dr. Ubaldina Noronha | 18 th – 20 th February 2013 | Annual National Congress of Clinical Psychology, Department of Psychology, AIIMS, New Delhi |
| 17. | Education for Social Change | Dr. (Fr.) Walter de Sá | 20 th - 22 nd February 2013 | XIV Annual National Conference of Association of Indian College Principals |
| 18. | Upholding the Dignity of Women | Ms. Sayed Rizwana P | 23 rd February 2013 | Council for Social Justice and Peace, Caritas, Goa |

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| 19. | O Ultramar and A India Portugueza : An expression of Literary and Political Resurgence among Goans | Ms. Sharmila Pais | 15 th – 16 th March 2013 | Directorate of Archives and Archaeology and Department of History, Goa University |
| 20. | St. Xavier's College – Best Practices and Innovation | Dr. Janet Fernandes | 22 nd – 23 rd March 2013 | IQAC, Goa University |

D) RESEARCH PAPERS PUBLISHED

1. Dr. Vinod Mandrekar (Dept. of Chemistry)

Title : Novel Polycarbonate copolymer as organocatalyst for aldol and Michael Reaction

Synth. Comm. Pages 2536 – 2545, Vol 43, Issue 18, 2013
2. Dr. Shrikant R. Naik (Dept. of Chemistry)
 - i. S.R.Naik and A.V. Salkar

Change in the magnet-structural properties of rare earth doped cobalt ferrites relative to the magnetic anisotropy. J. Mater Chem. Vol 22 (2012) Pages 2740 – 2750
 - ii. S.R.Naik and A.V. Salkar

Enhancement in the magnetic moment with Cr³⁺ doping and its effect on the magneto-structural properties of Ce_{0.1}Y_{2.9}Fe₅O₁₂ Phys Chem. Chem Phys. Vol no: 14 (2012) Pages 10032 - 10040
 - iii. S.R.Naik, A.V. Salkar, S.M. Yusuf and S.S. Meena

Influence of Co²⁺ distribution and spin-orbit coupling on the resultant magnetic properties of spinel cobalt ferrite nanocrystals . J. Alloys Compd. Vol 566 (2013) Pages 54 – 61
3. Ms. M.L.Swaroop (Dept. of Biotechnology)
 - i. M.L.Swaroop (2012-2013) Deinking of printed paper by microorganisms from soil. Spectrum, 5:43-50

- ii. M.L.Swaroop (2012-2013) Organic Paper Production by microbial degradation Spectrum, 5:27-33
4. Ms. Valerie Gonsalves (Dept. of Biotechnology)
- i. Nazareth S, Gonsalves V and Nayak S (2012) A first record of obligate halophilic aspergilla from the Dead Sea. India Journal of Microbiology 52(I):22-27
 - ii. Nayak S, Gonsalves V and Nazareth S (2012) Isolation and salt tolerance of halophilic fungi from mangroves and solar salterns in Goa – India. India Journal of Geo-Marine Sciences 41(2):164-172
 - iii. Nazareth S and Gonsalves V (2013) *Aspergillus penicillioides* – a true halophile existing in hypersaline and polyhaline eoniches. Annals of Microbiology, DOI 10.1007/s13213-013-0646-5
5. Ms. Sheryanne Velho-Pereira (Dept. of Biotechnology)
- i. Velho-Pereira, S.,Furtado, I. (2012) Antibacterial activity of halophilic bacterial bionts from marine invertebrates of Mandapam-India. Indian Journal Pharm. Sci 74(4):331-338
 - ii. Velho-Pereira, S.,Furtado, I. (2013) Retrieval of Euryhaline, Eubacterial and Haloarchaeal bionts from nine different benthic Sponges : Reflection of the bacteriological health of waters of Mandapam in India. (In Press : Ind. Journal Marine Sci
 - iii. Velho-Pereira, S.,Furtado, I. (2013) First record of isolation of Chromohalobacter sp. (GUVFSM-2) from a sponge inhabiting Mandapam-India. (In Press : Int. Journal of Biotechnology and Biosciences)
6. Dr. Emilia Mascarenhas (Dept. of Botany)
- Mascarenhas M.E. and M.K. Janarthnam. 2013. Taxonomic status of *Strobilanthes warreensis* (Acanthaceae), an endemic species of Western Ghats, India. Rheedia 23 (I):01-06

7. Ms. Sabina Sales (Dept. of Botany)
 - i. Some Poisonous Plants of Goa (2012) Peer Reviewed International Journal of Economic and Taxonomic Botany, Volume 36, No.2
 - ii. Varieties of Rice cultivated in North Goa District, India (2012) Peer Reviewed International Journal of Economic and Taxonomic Botany, Volume 36, No.4

8. Mr. James D'Souza (Dept. of Botany)
 - i. With B.F. Rodrigues, (2013) Biodiversity of Arbuscular Mycorrhizal Fungi in Mangroves of Goa, Journal of Forestry Research
 - ii. With B.F. Rodrigues, (2013) Seasonal Diversity of Arbuscular Mycorrhizal Fungi in Mangroves of Goa, International Journal of Biodiversity
 - iii. With K.P. Radhika and B.F. Rodrigues, (2013) Arbuscular Mycorrhizae in Aquatic Plants, India, published in Mycorrhizae: Occurrence in Natural and Restored Environments, edited by P. Marcella, Nova Science, Inc, USA

9. Dr. Filipe Rodrigues e Melo (Dept. of Commerce)
 - i. Customers Attitude towards Advertisement in Goa: An Analytical Study, Pacific Business Review International, Udaipur
 - ii. Shrimp Farming in Goa, Spurthi, IMSR Journal of Management Thought, KLE Society's Institute of Management Studies, Pune
 - iii. Economic and Efficient Management of Transmission and Control of Electrical Power – Design of Scada Power System Monitor, Sinhgad International Business Review, Vadgaon, Pune
 - iv. Impact of Aquaculture on Environment in Goa, IRJHEP, Jai Hind education society, Vadgaon, Pune

10. Ms. Rizwana Sayed (Dept. of Sociology)
 - i. Upholding the Dignity of Women, Nityasangam by Council for Social Justice and Peace (CSJP), Vol. IV No. 3 – Jan-Feb 2013, Goa

8. SEMINARS / WORKSHOPS CONDUCTED:

| Sr. No. | Name of the Dept. | Seminar/Workshop Conducted | Date |
|---------|----------------------|--|--|
| 1. | B.B.A & B.B.A.(T.T.) | Workshop "ICREATE-GCCI-GCA Mindset (CMS) | 16 th - 18 th August 2012 |
| 2. | M.A (Psychology) | National Seminar on "Women Empowerment : Changing Perspectives in Changing Times" | 24 th - 25 th August, 2012 |
| 3. | English | Script Writing | 24 th Sept, 2012 |
| 4. | Computer Science | Microsoft Powerpoint | 7 th - 10 th August 2012 |
| 5. | Botany | One day state level seminar on "Bioinformatics and its Applications" (UGC Sponsored) | 29 th November 2012 |
| 6. | MA (Psychology) | Workshop on "Rational Emotive Behaviour Theory Cognitive Behaviour Therapy" | 31 st January - 1 st February 2013 |
| 7. | Psychology | Workshop on "SPSS and its Application in Social Science" (ICCSR Sponsored) | 8 th -9 th March 2013 |

9. RESEARCH PROJECTS NEWLY IMPLEMENTED AND COMPLETED:

| Sr. No. | Title of the Project | Sanctioning Agency/ Authority | Principal Investigator/ Department | Duration | Status |
|---------|--|-------------------------------|--|---|-----------|
| 1. | Tourist Satisfaction at Resorts in Goa: An Empirical Study | UGC | Dr. Filipe Rodrigues e Melo (Commerce) | 2 Years (November 2010 - October 2012) | Completed |
| 2. | Goa under <i>Monarquia Constitucional</i> (1821-1910) | UGC | Ms. Sharmila Pais (History) | 2 Years (December 2010 - November 2011) | Completed |

10. PATENTS GENERATED:

Nil

11. NEW COLLABORATIVE RESEARCH PROGRAMMES:

Nil

12. RESEARCH GRANTS RECEIVED FROM VARIOUS AGENCIES FOR 2012-2013:

Nil

13. DETAILS OF RESEARCH SCHOLARS:

| Sr. No | Name of Faculty | Department | Name of the University | Fellow-ship if any | Year of Registration |
|---------------|--------------------------|-------------------|---------------------------------|---------------------------|-----------------------------|
| 1. | Mr. Nelson Lobo | Physics | Goa University | -- | 2009 |
| 2. | Ms. Kshipra Vora | Psychology | SNDT Women's University, Mumbai | -- | 2010 |
| 3. | Ms. Tina D'Cunha | Psychology | SNDT Women's University, Mumbai | -- | 2010 |
| 4. | Mr. Vijay Viegas | Psychology | Karnataka University, Dharwad | -- | 2011 |
| 5. | Ms. Santana Fernandes | Commerce | Goa University | -- | 2011 |
| 6. | Ms. Carmelita D'Mello | Commerce | Goa University | -- | 2011 |
| 7. | Ms. Jane Lobo | Commerce | Goa University | -- | 2011 |
| 8. | Ms. Vanessa Zita Furado | BBA | Goa University | -- | 2011 |
| 9. | Ms. Shefali Kamat | Philosophy | Goa University | -- | 2011 |
| 10. | Ms. Sharmila Paes | History | Goa University | -- | 2012 |
| 11. | Fr. Jerome D'Silva | Psychology | Dharwad University | -- | 2010 |
| 12. | Mr. Aaron Paul Fernandes | English | Goa University | -- | 2012 |
| 13. | Mr. Benedict Soares | Physics | Goa University | -- | 2012 |

14. CITATION INDEX OF FACULTY MEMBERS AND IMPACT FACTOR:

No Index available

15. HONOURS / AWARDS TO THE FACULTY:

Dr. Maj. Sudha Chari, former Head of the Department of Philosophy, St. Xavier's College conferred ex-NCC Achiever Award by State Ex-Cadets NCC Association (SENA) Goa, on 23rd August 2012, at the hands of H. E. Governor of Goa Bharat Vir Wanchoo.

16. INTERNAL RESOURCES GENERATED:

| Sr. No | Source of funding | Number | Quantum (Rs.) |
|--------|-------------------------|---|---------------|
| 1. | Tuition Fees | Arts, Commerce, Science | 4,158,725.00 |
| 2. | Self-financing courses: | Under-Graduate: BA (Mass Communication) 2,013,894.00 BA (Journalism) 1,338,845.00 BSc.(Biotechnology) 2,937,775.00 BCA 4,349,788.00 BBA(General) 4,586,427.00 BBA(Travel and Tourism) 2,552,948.00 Post-Graduate: MA (Psychology) 1,885,463.00 MSc. (Physical Chemistry) 2,653,296.00 MCom 1,627,039.00 | |
| 3. | Any other | Potted Plants 4,450.00 Water Analysis 100.00 Summer Courses 11,375.00 Entrance Tests 38,200.00 BCA – 25400.00 M.Sc.– 12800.00 | |

17. DETAILS OF DEPARTMENTS GETTING SAP, COSIST (ASSIST) / DST.FIST, ETC. ASSISTANCE / RECOGNITION:

Nil

18. COMMUNITY SERVICES / EXTENSION SERVICES:

A) COMMEMORATION OF A DAY / WEEK / YEAR TO HIGHLIGHT / CELEBRATE SPECIFIED ISSUES / EVENTS

| Day | Event | Organized by |
|----------------------------|--|--------------|
| 11 th July | World Population Day. | NSS |
| 15 th August | Independence Day. 400 NSS Volunteers participated. Item-patriotic song | NCC-girls |
| 24 th September | NSS Day | NSS |
| September | Joy of Giving week (Gandhi Jayanthi) 'Gifts in Kind' donated to old age home Isha Prema Niketan | NSS |
| September | International Literacy Week 'Gifts in Kind'(stationery) donated to 'Mother Teresa's Roses' | NSS |
| 8 th December | World AIDS Day | NSS |
| 9 th December | Human Rights Day | NSS |
| January | Road Safety Week | NSS |
| 12 th January | National Youth Day | NSS |
| 19 th December | Goa Liberation Day. Participation of volunteers | NCC-Boys |
| 26 th January | Republic Day | NSS |

- The N.S.S. Wallpaper was updated with relevant social issues every fortnight.
- Census / Electoral Roll / Assembly Election Related Work

The following faculty were appointed Master Trainers by the Government of Goa for Assembly Election related work

1. Dr. Yasmin Shaikh
2. Mr. Conceicao D'Souza
3. Dr. Oscar D'Mello
4. Dr. Tushar Anvekar
5. Mr. Dharma Chodankar
6. Dr. Cajetan Raposo

The following staff were appointed Booth Level Officers by the Government of Goa for Assembly Election related work

1. Mr. Douglas D'Souza
2. Mr. Narendra Parsekar

Enrolment Centre for Aadhaar was set up by the Government of Goa at St. Xavier's College

The services of Mr. Dereck Lobo, an LCD Projector Operator, were requisitioned by the Government for enrolment work.

The following staff were appointed Designated Officers for the work of Special Summary Revision of Photo Electoral Roll

1. Mr. Paul D'Souza
2. Ms. Rozalina Lobo

Mr. Paul D'Souza was also appointed Nodal Officer to enroll the students

The following faculty were appointed Master Trainers for the work of Socio-Economic and Caste Census

1. Mr. Cajetan Raposo
2. Mr. Pradeep Morajkar
3. Mr. Conceicao D'Souza
4. Mr. Edwin D'Souza

B) SOCIAL OUTREACH ACTIVITIES

- Seven Visits to Old Aged Home (Assagao, Adopted Village) – **Isha Prema Niketan** (organized activities for them and donated in kind) and Eco-cleaning of the Natural water spring at Assagao.
- Nine visits to the orphanages 'Boa Viagem' and 'Mother Theresa's Roses'. The volunteers helped the students with their homework and also organized games and taught them some action songs.
- NSS volunteers serve and support the **Prison Ministry** in Goa, run by Caritas Goa, through weekly interaction and activities organized for the inmates of Mapusa Judicial Lockup. Collection drives on campus for prisoner's welfare activities. (Rs. 7,591.50)
- Paper-bag Project, by NSS volunteers. 7,500 paper bags distributed partly to the business community and partly to COOJ, (**Cause Of Our Joy**).

- NSS Camp activities for the benefit of the remote community at Our Lady of Lourdes High School, Valpoi.
- Two blood donation camps were organized on 6th September 2012 and 15th March 2013 wherein 181 teaching staff, non-teaching staff and the students of the college enthusiastically donated blood.
- N.S.S. Unit, in collaboration with the Directorate of Health Services and Primary Health Centre, Siolim and Assagao Union High School organised a Screening and a Mobile Health Camp on 29th September, 2012 at the Assagao Union High School. The medical team comprised of a Consultant Physician along with ECG technician, specialists in Orthopaedics, ENT, Gynaecology, Ophthalmology, Radiology, Paediatrics, Pathology, Dentistry, Medicine, Ayurveda and Homeopathy and their support staff. The free medical camp received an overwhelming response with over 300 people benefitting from it. Free medicines were also distributed at the camp.
- As part of the 'Each One Teach One Project' 16 N.S.S. volunteers interacted with the children of 'Spandan' school on a one to one basis and taught them to read and write.
- 30 N.S.S. volunteers ensured on a daily basis that the books in the college library were maintained in order.
- An anti-drugs rally with the theme 'Think Health Not Drugs' was organized on 12th of November 2012 at Valpoi. Pamphlets, brochures, leaflets and posters brought by the N.S.S. unit from the Directorate of Health Services, Panaji, were distributed amongst the residents of Valpoi.
- 10th September 2012 – Stationery Drive conducted by the Child welfare Cell, collection distributed to children at Don Bosco's Institution, Odxel to celebrate Literacy Day
- 24th December 2012 – A Christmas Fiesta organized by the Child Welfare Cell for children of El Shaddai Orphanage, Assagao
- SXC – Parish Linkage organized activities / sessions in collaboration with the GST (Goa Service Team) in the Parishes of Mandrem, Pilerne, Siolim, Old Goa
- SXC – School Linkage conducted outreach programmes for schools of North Goa. St. Anne's High School Thivim, Students of Std. VIII, IX, X, Theme: Self Image Values and Etiquette

St. Britto's High School Mapusa, Students of Std. IX, Theme: A Strong Positive Self Image is the Best Possible Preparation for Success

St. Francis Xavier's High School Mapusa, Students of Std. VIII and IX, Topic: Modern Periodic Table and Chemistry in Daily Life

St. Francis Xavier's High School Mapusa and Blooming Dale School Mapusa, Sessions on "Sense Organs and the Human Body" and "Practical Demo on Sound and Electricity"

- Each One Reach One – Students Community Service Initiative undertaken under the Teacher-Mentor System
- Service Beyond Self – A Faculty Community Service Initiative undertaken by Teaching and Non-teaching Staff
- Students organized Marshal Yatra on the eve of the Golden Jubilee of Goa's Liberation (18/12/2011) throughout Mapusa City.

C) ECO-PRESERVATION ACTIVITIES

| Day | Activity |
|--------------------------------|---|
| 5 th August, 2012 | 'A Walk with Nature' Trekking-cum-cleanliness drive to Chorla Ghat. 103 volunteers participated. |
| 7 th September 2012 | A session on 'Environmental Issues in Goa' by environmentalist and General Secretary of the Mhadei Bachao Abhiyan, Goa, Mr. Rajendra Kelkar. A total of 150 students participated |
| November 2012 | At the Annual NSS Camp: <ul style="list-style-type: none"> • An educational field trip was organized at Fr. Inacio Almeida Zagati Nature Farm at Birondem, Valpoi. The campers were given a brief session on the types of medicinal plants and herbs grown on the farm along with their medicinal properties. • To reduce the use of plastic bags a 'Go Green Project' was implemented in the market area. Around 2,500 paper bags made by the volunteers were distributed to shop keepers in the market area. • Anti-plastic drive in the market area and at the camp site to ensure a litter free campus. • Flower beds were prepared at the camp site. |

| | |
|---------------------------------|---|
| | <ul style="list-style-type: none"> • Weeding and cleaning • Session on Snake Awareness and Conservation by Environmentalist Mr. Amrut Singh on 9th November 2012 |
| 5 th December 2012 | A session on 'Garbage Management' by Mr. David D'Souza, Executive Director of Plastic Export Zundert India Private Limited. |
| 17 th December, 2012 | Empty Milk packets collection drive |
| 20 th December, 2012 | Green Star making competition using only natural components available in our environment ,was organized |
| | Campus cleaning throughout the year |

D) SELF-DEVELOPMENT ACTIVITIES ORGANIZED FOR VOLUNTEERS

| Day | Activity |
|-------------------------------|--|
| 11 th July, 2012 | World Population Day- A Powerpoint presentation competition on the theme 'My Opinion On The World's Population' |
| 14 th August 2012. | Five N.S.S. volunteers and one Programme Officer participated in the one day State Level Workshop on 'Society and Youth' Taekwondo by G.V.M.'S Gopal Govind Poy Raturcar College of Commerce and Economics |
| 18 th August, 2012 | Sadhbhavana Divas – ' <i>Chain of Hope</i> ', 30 N.S.S. volunteers expressed their solidarity through peace messages painted on cloth. |
| 18 th August 2012. | A session on 'Role of Youth in Fostering Peace and Harmony' by Fr. Maverick Fernandes, social activist and Director of Caritas, Goa. 200 N.S.S Volunteers participated in the same. |
| 22 nd August 2012 | Screening of educational documentary on India's Independence titled 'Freedom is not Free'. |

| | |
|---------------------------------|--|
| 22 nd August, 2012 | Red Ribbon Club in collaboration with the Directorate of Health Services organized, several competitions on the theme 'Blood Donors Are Heroes'. A poster making competition, an essay writing competition and a poem / song competition was organized |
| 29 th August 2012 | Dr. Chandrakant Parab, Health Officer of the Mapusa Urban Health Centre, conducted a session on 'Blood Donation and its Benefits'. |
| 5 th September 2012 | A Call Within A Call' a documentary on the life of Mother Theresa |
| 8 th September 2012 | An N.S.S. volunteer participated in the All Goa State Level competition on Swami Vivekananda organized by the Ganga Zuari Academy on the occasion of the Indradhanush 2012 Festival |
| 11 th September 2012 | A presentation on 'Stress Management' by N.S.S. volunteer Ms. Ninoshka D'Souza for the F.Y.B.A. students |
| 24 st September 2012 | NSS Day – A motivational talk on 'Knowing Yourself' by Sr. Joyce Lucas, belonging to the Congregation of Pauline Sisters. |
| 11 th November 2012 | Session on 'Legal Issues' by Adv. Sagar Gawas at the camp site. |
| November 2012 | Six inspirational video clippings were screened and Public speaking exercise was conducted for the campers. |
| 13 th November 2012 | Session on 'Friendship' by Fr. Anand Paes, Parish Priest of St. Sebastian Church, Calvim |
| 14 th November 2012 | Motivational talk by Fr. Felix Mendes, Parish Priest of Our Lady Of Lourdes Church, Valpoi. |
| 30 th November 2012. | One Program Officer participated in the Sensitisation Programme Workshop on 'Prevention and Control of Tuberculosis' organized by the Urban Health Centre, Mapusa |
| 8 th December 2012 | World AIDS Day- Essay competition on 'AIDS Victims – They Are Humans Too' |
| 9 th December 2012 | Human Rights Day - Poster making competition on 'Say No To Child Abuse'. |

| | |
|---------------------------------|---|
| 13 th December 2012. | One Program Officer participated in the workshop on 'Tobacco Free Institutions in Goa' organized by the Collector North Goa, District Task Force Committee and Voluntary Health Association at Directorate of Education, Porvorim |
| 19 th December 2012. | 500 volunteers participated in the 'Xavierathon' organized by Alumni Association of the college as part of the Golden Jubilee celebrations |
| January 2013 | Road Safety Week- Slogan writing competition on 'Road Safety'. 14 volunteers participated |
| 12 th January 2013 | National Youth Day – Treasure hunt. –Treasure Hunt and An article writing competition on 'Teachings of Swami Vivekanand For Posterity'. Hundred volunteers participated in the rally organized by the NSS Cell of the Goa University at Mapusa to mark the 150 th Birth Anniversary of Swami Vivekanand. |
| 19 th January 2013 | A talk on 'Sports and Health' by Mr.Kennedy D'Silva, Ex-Director of Physical Education of Don Bosco, Panjim, Goa Football Development Council, Sports Squad for Christ |
| 4 th February 2013 | A session On 'Sexual Assault On Women' by Dr. Sabina Martins, Founder Member of Bailancho Saad |

19. TEACHERS AND OFFICERS NEWLY RECRUITED:

| CONTRACT | FIP SUBSTITUTES | LECTURE BASIS |
|---|-----------------|---------------|
| UNDERGRADUATE COURSES | | |
| 15 | NIL | 11 |
| UNDER GRADUATE SELF FINANCED COURSES | | |
| 27 | - | 03 |
| POST GRADUATE SELF FINANCED COURSES | | |
| 10 | - | - |

20. TEACHING – NON TEACHING RATIO:

3 : 1

21. IMPROVEMENTS IN THE LIBRARY SERVICES:

- Main Library has more than 59,000 books in different languages (English, French, Hindi, Konkani, Marathi, Portuguese, and Sanskrit) and arranged on shelves as per Dewey decimal classification.
- The Library has also been arranged into different sections – Book Issue, Periodicals, Reading Room, E-Library, Book Stacks, Technical, Bound Journals, Newspaper, Reprography, Goa, and Competitive Exams.
- Library can accommodate a large number of students at a time and has about 330 cupboards / book stacks / cabinets.
- Besides Books, the Library has more than 1000 bound Journals.
- Library provides the following services:
 1. Display of new additions.
 2. On-Line Public Access Catalogue (OPAC) to its users available on all computers in library and all other computers in staff room etc. connected to the Central Server in the Administrative Block.
 3. Book Bank (Ruby Jubilee) Scheme for students.
 4. Night Reference.
 5. Questions Papers are provided to students. Besides, the same is uploaded on the internet.
- For the safety and security Library CCTV cameras, fire extinguishers and emergency fire exit is available.
- Library has store rooms for books and utility room for staff.
- For efficient functioning, the Library has a flat bed scanner, Laser Printer, Barcode printer and bar code scanner.
- During the Year, book exhibitions were held in September, 2011, by Broadway Book Stall, Panaji and in January, 2012, by Varma Book Distributors, Pune.
- New Generation Library (NewGenLib) software is used in automating library operations. Books in the Book Issue Section have been Bar Coded. Library books can be searched on OPAC.
- All Computers in the library are connected to central UPS (15 KVA).
- E- Library facility is made available with high speed broadband for access to internet and e-resources available through N-List (INFLIBNET).

- College website provides internet information about library relating to library holdings, Library Layout, Current subscription list of Journals, Magazines, Newspapers and other general information.
- New purchases made during the year: 111 Book Racks / Cabinets, Barcode Printer, Barcode Scanner
- Repair work of furniture and fixtures was undertaken during the year.
- Weeding out of books was done with the help of HODs from various departments and approval of Principal.
- Besides the main library there are Departmental Libraries.

22. NEW BOOKS / JOURNALS SUBSCRIBED AND THEIR VALUE:

| BOOKS | | |
|-------------------------------|---------------|---------------|
| | NUMBER | AMOUNT |
| BOOKS PURCHASED | 1618 | 6,61,763:92 |
| BOOKS DONATED | 201 | |
| JOURNALS | | |
| JOURNALS SUBSCRIPTIONS | 125 | 2,19,385:00 |

23. COURSES IN WHICH STUDENTS ASSESSMENT OF TEACHERS IS INTRODUCED, THE ACTION TAKEN ON STUDENT FEEDBACK:

- Teacher assessment:
A feedback form for teacher assessment is given to students of the Second Year and Third Year towards the end of the academic year. These students assess the teacher on various aspects of the teaching learning process in the classroom. These forms are scrutinized by the Principal and then handed over to the respective teachers. The teachers tabulate the student's responses in a prescribed format and are expected to take the necessary actions to improve their performance.

- Institutional assessment:

A questionnaire is also given to the students to obtain their feedback on infrastructure and different services offered on campus. For instance, Library Facilities Canteen Services, Laboratory Facilities, etc. The Principal studies the same for improvement.

24. UNIT COST OF EDUCATION

- | | |
|---------------------------------|-------------------|
| • Total cost of the year | Rs. 97,629,616.00 |
| • Number of students | 1931 |
| • Cost of education per student | Rs. 50,559.00 |

25. COMPUTERISATION OF ADMINISTRATION AND THE PROCESS OF ADMISSION AND EXAMINATION RESULTS, ISSUE OF CERTIFICATES:

The Result Generation System has been fully computerized. Customized software developed by the Computer Science Department, using ASP.NET, is used to enter marks and generate mark sheets for students. The Examination System has been computerized. Customized software developed by the Computer Science Department, using .NET, is used to register students for exams, enter marks and generate mark sheets and related examination reports. Besides this, the Admission process has also been computerized wherein the students have filled their admission form online and their details are stored in a database which is integrated with the other processes. The Attendance System has been automated wherein the data is entered and is available for generating the required reports. A Learning Management System is available to the students on the Internet. Feedback compilation system from students for lecture sessions is being developed. An information system is being installed on the Intranet wherein data pertaining to attendance, examination performance, feedback, learning resources, question papers will be made available to students, and the mentors, concerned teachers will be able to track the performance of the students.

26. INCREASE IN INFRASTRUCTURAL FACILITIES

| Sr. No. | Nature | Cost (Rs.) |
|---------|-------------------------------------|-------------|
| 1 | Personal Computers | 8,80,531.50 |
| 2 | Printers | 36,772.00 |
| 3 | LCD Projection Screens | 15,750.00 |
| 4 | Computer Components and Peripherals | 1,18,931.75 |
| 5 | Online UPS | 3,56,629.00 |
| 6 | Networking / Software | 1,00,159.00 |

27. EXISTING TECHNOLOGY / UPGRADATION:

College has undertaken the following up gradation during the academic year 2012-13

- Computer Lab Upgradation
- Computer Systems – 05
- Servers – 01
- Cupboards
- Online UPS – 01
- Internet Connection
 - 8 Mbps Leased Line
 - 1 BSNL 1 Mbps Broadband Connections (Unlimited)
 - 512 MBPS (THREE CONNECTIONS SPONSORED BY MHRD, GOVT. OF INDIA.)
- Centralized Network System including Firewall
- Installation and configuration of a CISCO Managed Switch

28. COMPUTER INTERNET ACCESS AND TRAINING TO TEACHERS AND STUDENTS

The staff members have been provided with facilities for using computers for internet access, as well as for other computer related work. For this, computers are available in the staffrooms, the science laboratories as well as in the library. There is a separate section in the library with computers meant exclusively for the staff members. There

are also separate machines available for the students in the library. There are approximately around 367 computers in the campus having the latest software installed. The College subscribes to Microsoft's Dream Spark Premium, as a result of which we have the latest of Microsoft updates.

All the computers in the College are networked through a centralized structure cabling system using Cyberoam UTM Firewall with 10/100/1000 Mbps Switch Connectivity at the Server Room.

The college has a full- fledged centralized IBM Rack Server having the following configuration: Intel Xeon 4C E5620 (Quad Core) Processor, 2.40 Ghz, 12 MB Cache, 8 GB RAM, 2.5" Hot Swap SAS, Integrated RAID.

The BBA departments have a well-equipped full-fledged laboratory housing 40 computers with an online UPS support. The students have free Internet access throughout the day to enable them to prepare their projects and assignments. The faculty members of these departments have a separate machine with Internet access in their staffrooms. LCD facilities are available in each of their classrooms

The BCA department has a full-fledged laboratory with 40 computers and an online UPS support, to enable the students to perform their laboratory experiments. Internet facilities are also available for staff and students. There is also an LCD fixed in the laboratory

The Department of Computer Science has two laboratories equipped with 20 machines and online UPS support. Staff, as well as students, are permitted to use the Internet facilities. 2 LCDs are available for use within the department. The IT laboratory is used exclusively for the IT students of the FY BA/B.Com/B.Sc. This laboratory has 20 machines with internet facilities.

There is a separate laboratory for the Mass Communication and Videography students, housing 30 computers with online UPS and Internet facilities. This laboratory is also used by the Departments of Commerce, Hindi, Marathi and Post Graduate Department of Chemistry.

The Department of Biotechnology has one Laboratory housing 10 machines.

The Post Graduate Department of Commerce has a laboratory equipped with 30 computers and online UPS support.

In order to provide Internet facilities to all the Staff and students, we have a Wi-Fi enabled campus with 8 Mbps leased line connectivity. The faculty members have

their laptops configured, which enables them to access the Internet anywhere within the campus.

Besides this, we have a 1 Mbps broadband internet connection and three 512 Mbps connections, sponsored by the Ministry for Human Resource Development, Govt. of India.

29. FINANCIAL AID TO STUDENTS

A) THROUGH ST. XAVIER'S COLLEGE:

| | |
|---|--------------|
| ▪ Rajiv Gandhi Shiksha Sahaya Yojana Scholarship | -- |
| ▪ National Scholarship | -- |
| ▪ Post Matric Scholarship to Minority students (12 Students) | 55,413.00 |
| ▪ Post Matric Scholarship to OBC students (29 Students) | 12,26,368.00 |
| ▪ Post Matric Scholarship to SC students (29 Students) | 12,26,368.00 |
| ▪ Post Matric Scholarship to ST students (02 Students) | 42,232.00 |
| ▪ Educational Concession to the Children of Service Personnel | -- |
| ▪ Educational Concession to the Children of Freedom Fighters | -- |
| ▪ Students Aid Scholarship (36 Students) | 54,000.00 |
| ▪ Mr. Xavierinho & Juliet Rodrigues Scholarship | -- |
| ▪ Scholarship to / from non Hindi speaking states for post metric studies | -- |
| ▪ Mr. and Mrs. Michael De Figueiredo Scholarship (06 Students) | 25,898.00 |
| ▪ Ana Figueira Scholarship for best student in sports and studies (04 Students) | 3,376.00 |
| ▪ Prizes/Scholarships awarded to meritorious students (199 students) | 39,800.00 |
| ▪ Gagan Bharari Scheme (05 students) | 45,000.00 |

B) DIRECTLY FROM THE RESPECTIVE ORGANIZATIONS:

| | |
|-----------------------------------|-----------|
| Dempo Charities Trust Scholarship | 17,400.00 |
|-----------------------------------|-----------|

30 & 31) ACTIVITIES AND SUPPORT FROM ALUMNI AND PARENT – TEACHER ASSOCIATION

St. Xavier's College since its inception has maintained links with the past students, through the Alumni Association. We also have the Parent-Teacher Association that involves parents in the academic performance and progress of their children.

Past students are invited to address and interact with students sharing their work experiences and career success stories. They are also invited as guests for various

occasions. An annual get-together helps to keep in touch with alumni and their families. They also contribute to the development of the institution.

Parent –Teacher links are maintained through the Mentor System. The staff is encouraged to relate to the parents on a one to one basis, keeping them regularly informed about the overall progress and performance of their children. The mentor system has helped teachers understand individual student’s problems and specific academic requirements. An Open Day is held every semester when parents are called to collect their report cards and interact with concerned teachers and mentors. At the beginning of every academic year, the Principal meets the parents / guardians. This helps to understand better their backgrounds and their expectations from the institution. On occasions like the Annual Day and Annual Sports Day, parents are invited to participate in these college activities. The PTA was actively involved in the Golden Jubilee Celebrations of the College.

32. HEALTH SERVICES:

To promote health consciousness on campus several activities were organized for both faculty and students by the Well-Being Cell, the Guidance and Counseling Cell and the NCC / NSS Units of the college.

- ❖ Session for Third Year students conducted by Alcoholics Anonymous (AA), Mapusa Centre
- ❖ Forum for Social Interaction and Concern organized a talk for TYBA on “ How to Avoid being Victims of the Evil Act of Rape”
- ❖ Well-being Club organized activities on the theme “Suicide Prevention” : A Documentary Competition, A Poster Competition and Panel Discussion for participants from Colleges, HSS and Schools
- ❖ One day retreat organized by AICUF and Youth Cell
Theme : We have found the Messiah, Come and See

33. PERFORMANCE IN SPORTS ACTIVITIES:

Achievements for the year 2012-2013 for Women and Men

TEAM EVENTS (MEN)

Winners of the Chowgules Gold Cup 2012-2013

Runners Up for Xavier's Gold Cup Tournament 2012-2013

Winners of the Inter-Collegiate Men Hockey organized by Goa University

Winners of the Inter-Collegiate Men Basketball organized by Goa University

Runners Up of the Inter-Collegiate Men Handball organized by Goa University

Runners Up of the Inter-Collegiate Men Athletics organized by Goa University

TEAM EVENTS (WOMEN)

Winners of the Inter-Collegiate Women Football organized by Goa University

Winners of the Inter-Collegiate Women Swimming organized by Goa University

Winners of the Inter-Collegiate Women Basketball organized by Goa University

Winners of the Inter-Collegiate Women Hockey organized by Goa University

Winners of the Inter-Collegiate Women Cricket organized by Goa University

Winners of the Inter-Collegiate Women Baseball organized by Goa University

Runners Up of the Inter-Collegiate Women Taekwondo organized by Goa University

Runners Up of the Inter-Collegiate Women Volleyball organized by Goa University

INDIVIDUAL MEDALS

Debra Gomes has won a Gold Medal in Taikwondo at the National Games held at Pune

Ashish Verma won a Gold Medal in Judo organized by Goa University.

Brenda D'Sa won a Gold Medal in Judo organized by Goa University.

Deseiree Pereira won a Gold Medal at the West Zone Athletics at Pune in Shot Put

Sheral D'mello – All-Round Player in Baseball at the Intercollegiate Baseball Tournament held at Goa University .

Sonali Gaunder - Player of the Series for the Intercollegiate Cricket for Women.

Deseiree Pereira –Woman of the Match for the Intercollegiate Cricket for Women.

INTER-CLASS TOURNAMENTS

The Department organized inter-class tournaments for men and women in table tennis, badminton and football.

INTER-STAFF TOURNAMENT

The Department organized inter-class tournaments for men and women in Badminton.

INTER-COLLEGIATE TOURNAMENTS

The Department organized Inter-Collegiate Football tournament for men in Football

The Department organized Inter-Collegiate Volleyball for women

The following students from the college represented Goa University at the National Level in the following disciplines

Football (Women): Malvita Mascarenhas (TYBA), Manjita Mathkar (TYBA),
Sheral D’Mello (TYBCom), Steffi Mendes (SYBCom)

Hockey (Women) : Pradya Mauingkar (TYBCom), Karishma Paruleka (TYBSc),
Freya Mendes (SYBSc), Kalisa Bogati (TYBSc), Leoni
Martins (TYBCom), Theresa Martins (TYBCom), Manjita
Mathkar (TYBA), Lorenta Pinto (TYBCom)

Kabaddi (Women): Pallavi Tamandkar (TYBCom), Sonali Kambli (SYBA),
Swati Malik (TYBA)

Taekwando (Women): Debra Gomes (FYBSc)

Judo (Women) : Brenda D’Sa (FYBSc)

Hockey (Men) : Jolwyn Fernandes (SYBCom), Princelee Britto (TYBCom),
Sanford Fernandes (FYBBA-T&T), Robert D’Souza
(FYBBA-T&T)

34. INCENTIVES TO OUTSTANDING SPORTS PERSONS:

- To appreciate the achievements of the students in various sporting events and to motivate them to do better the meritorious students were given incentives in cash for winning medals at Goa University level competitions.
- In addition to the above, following are the awards presented to students in the field of sports:

| Sr. No | Prize | Instituted for | Awardee | Class |
|---------------|---|--|--|--------------------------|
| 1. | Bishop Altino Ribeiro de Santana Prize | Instituted by Canon Orlando Ribeiro de Santana for the students with overall performance in sports and studies | Agnelo Steve D'Souza | TYBCom |
| 2. | Ms. Ana Figueira Scholarship | Prize instituted by her family to be awarded to a student who does well in studies and sports | Edberg Sequeira Manjita Mathkar | TYBCom TYBCom |
| 3. | Late Mr. P. V. Tharakan (First Director of Physical Education of the college) prize | To be awarded to a student who is an all-rounder in different modalities in sports | Leoni Martins | TYBCom |
| 4. | Mr. Clyde Dias Sports Prize | Instituted by the family to be awarded to 3 students for best performance in sports. | Synter Pereira Lorenta Pinto Therasa Martins | TYBA TYBCom TYBCom |
| 5. | Best Sports Woman | Instituted by Management | Fatima Carvalho | TYBA |
| 6. | Best Sports Man | Instituted by Management | Anthony Carvalho | TYBA |
| 7. | Best Athlete Boy | Instituted by Management | Jeovito Fernandes | M.Com – Part 1 |
| 8. | Best Athlete Girl | Instituted by Management | Desiree Pereira | FYBCom |

35. STUDENT ACHIVEMENTS AND AWARDS:

| Sr. No | Name | Organizers | Event | Place won |
|--|---------------|--|--|--|
| INTER-COLLEGIATE EVENTS (GENERAL) | | | | |
| 1. | Team Xavier's | Abbe Faria P.G. Dept. of Psychology, St. Xavier's College, Goa | PSYGNUS 2012 | Winners |
| 2. | Team Xavier's | Rosary College, Navelim | IMPRESSIONS 2012 | Runners up |
| 3. | Team Xavier's | Fr. Agnel College of Arts and Commerce, Pilar | MERCHANTS 2012 | Winners |
| 4. | Team Xavier's | Dept. of Art and Culture, Govt. of Goa | All Goa State Mando Festival | Winners Teenager Category Dance Category |
| 5. | Team Xavier's | CES College, Cuncolim | Screenplay Writing Competition | 2 nd Place |
| 6. | Team Xavier's | Goa Legislative Assembly, Govt. of Goa | Inter-Collegiate Mock Parliament Competition | 2 nd Runners Up |
| 7. | Team Xavier's | Help and Help Charities Organisation | All Goa Carol Singing Competition | Winners 5 th consecutive year |
| 8. | Team Xavier's | Dempo College of Commerce, Panjim | K-OSS 13 | Runners Up |
| 9. | Team Xavier's | Chowgule College, Margao | PEGASUS 12 Literary Fest | Winners |
| 10. | Team Xavier's | Directorate of Sports and Youth Affairs, Govt. of Goa | State Youth Festival | Winners Kathak Tabla Monologue Street Play |

| | | | | |
|-----|---------------|--|---------------------------------------|-----------------------|
| 11. | Team Xavier's | St. Aloysius College, Mangalore | MEDIA MANTHAN National Media Festival | Winners |
| 12. | Team Xavier's | Dept. of English, Goa University | CYNOSURE 13 Literary Fest | Runners Up |
| 13. | Team Xavier's | Kala Academy, Goa | One Act Play Competition (Marathi) | Winners |
| 14. | Team Xavier's | St. Xavier's College, Goa (Golden Jubilee) | All Goa Street Play Competition | Winners |
| 15. | Team Xavier's | Goa University | UMANG | 2 nd Place |
| 16. | Team Xavier's | V. M. Salgaonkar College of Law, Miramar | TATVA | Winners |
| 17. | Team Xavier's | PES College, Ponda | ERA – 2013 A Tryst with Time | 3 rd Place |

OTHER AWARDS

- ❖ 28th July 2012 – 1st Place, Essay Writing Competition organized by Directorate of Planning, Statistics and Evaluation, Govt. of Goa
- ❖ 30th August 2012 – 1st Place, Short Movie Competition on Suicide Prevention organized by NGO Cause of our Joy (COOJ)
- ❖ 15th September 2012 – 2nd Place, Street Play Competition organized by Vishwanath Lawande Trust
- ❖ 29th September 2012 – 1st Place, Drama Competition organized by Govt. College, Khandola
- ❖ 1st October 2012 – 2nd Place, All Goa Inter-Collegiate essay Competition organized by Dr. P.S. Ramani Medical Foundation
- ❖ 3rd October 2012 – 2nd Place, Poetry Recitation Competition organized by Goa University
- ❖ 20th November 2012 – 2nd Place, Poetry Competition organized by Govt. College, Khandola

- ❖ 20th November 2012 – 1st and 2nd Place, Poetry Competition organized by Nehru Yuva Kendra Association
- ❖ 11th January 2013 – 2nd Place, Poetry Competition in Konkani organized by Dept. of Konkani, Goa University
- ❖ 22nd January 2013 – 3rd Place, Essay Competition organized by Dept. of Student Welfare, Goa University
- ❖ 9th March 2013 – 1st Place, Project Presentation at the 7th Annual Inter-Collegiate Chemistry Symposium organized by Dept. of Chemistry, Goa University
- ❖ Award to Ms. Aditi Naik, for ‘Sr. Karuna Mary Braganza Essay Competition’ on the theme “Struggle For Women for Dignity and Democracy” organized by All India Association For Christian Higher Education (AIACHE), New Delhi

36. ACTIVITIES OF THE GUIDANCE AND COUNSELING UNIT:

The Counseling Cell, at St. Xavier’s College, Mapusa, focused on the need to provide Counseling facilities for students and staff because of the increase in the number of students availing of the service over the last two years. The campus counselor was asked to provide her services twice a week. This year 48 students availed of the counseling service. The issues dealt with were Attempted Suicide, Relationship problems, Pornography and related addictions, Runaways, Truancy, Alcoholism in the family, Self esteem, Personal responsibility, Time Management and Study Schedules, Career Guidance, etc.

In an awareness campaign, the Counselor, Ms. Abigail Ferrao, undertook personal visits to the faculty staff rooms and the classrooms. She reiterated the importance of student counseling and its importance in personal coping efforts and academic achievements. Confidentiality was highlighted as an important ethical issue during the student counseling process.

This year the Counseling Cell focused on the issue of Suicide Prevention. A programme was also conducted targeting substance and sexual addictions. A session was also organized for the TY students of the self-financed courses on the theme “There’s Got to be more to Life” focusing on substance addiction, pornography and self-responsibility.

37. PLACEMENT SERVICES PROVIDED TO STUDENTS:

The Placement and Career Guidance Cell was started in 2000-2001 with the objective of providing a wide variety of programs to guide students in term of appropriate career choices and to provide them with opportunities of gainful employment in various fields both in and out of Goa. In keeping with these objectives, a list of reputed organizations was maintained and the profile of the college and the students is sent to them. In the twelve years since its inception, the cell has aimed at exposing students to a variety of experiences and programs in an attempt to prepare them for their entry into the world of work. Talks by reputed professionals in various fields are conducted on a regular basis.

- ❖ A yearly initiative in terms of a workshop on facing Interviews and Resume writing were conducted for the students of T Y B.Com, B A, B.Sc, BTM, BBA and BCA which was attended by 364 students on 4th & 5th March 2013.
- ❖ A special workshop on and Career Guidance was conducted by Mr. Naresh Shah of INNER EDGE, Mumbai on 6th March 2013, which was attended by 41 students .
- ❖ 19th August 2012 – A talk was conducted on Company Secretary as a Career, organized by the Commerce Club. Speakers included Vice Chairman, Institute of Company Secretaries of India (ICSI), Career Counselor (ICSI) Goa Chapter
- ❖ 4th August 2012 – A talk was organized on the theme “Career in Chartered Accountancy” by Associate Member of the Institute of Chartered Accountants
- ❖ 9th March 2013 – A student interaction was organized with faculty of the Institute of Hotel Management, Porvorim, on the topic “Job Interviews”
- ❖ 3rd September 2012 – Third Year students of Biotechnology, Microbiology, Computer Science and Electronics attended a talk on “Entrepreneurship Development” by CIBA (Centre for Innovation and Business Acceleration, Verna)
- ❖ The Economics Forum organized a workshop for students on Chocolate Making and Oyster Mushroom Cultivation and Marketing.

The college campus was visited by company representatives who conducted the following recruitment drives.

- ❖ Infosys, Pune conducted a campus recruitment drive in the college on 14th February 2013, for third year students of all streams and 41 students were selected.
- ❖ Reliance India Ltd conducted a drive on 31st January & 1st February 2013, for all First, Second & Third Year students of all streams in collaboration with IRDA to recruit, train & certify students for a career in insurance offering them a unique opportunity to gain IRDA certification free of charge as well as earn a scholarship if successful.
- ❖ Wipro, Pune conducted a recruitment programme for BCA and B.Sc (Computer Science) students to provide them with training cum job experience which was attended by 27 students.
- ❖ Organizations from outside Goa visited the campus for recruitment from November, 2012 to March, 2013 and over 357 students from various streams have been successfully interviewed, of which 244 were shortlisted. 45 students have been offered jobs and results of other recruitment drives are awaited.

The various organizations which requisitioned student database from the college included:

| | |
|---------------------------------|--|
| Zuari Industries Ltd | Met Life Insurance C. Ltd. |
| Ascent Management | EMRI |
| Global Inner Source, Mumbai | Sandu Pharmaceuticals |
| Sesa Goa | Diebold India Pvt. Ltd. |
| ICICI Prudential | IBM – Global |
| Mahindra Satyam | Libra Computers |
| Life Insurance Company of India | Panandiker Institute of Research & Education |
| GKB Ophthalmics | Tata Consultancy Services |

In addition various banks and financial institutions such as HDFC, ICICI, Axis Bank, DCB, South Indian Bank and various starred hotels and resorts such as Cidade-de-Goa, Taj Exotica, Taj Vivanta, Taj-Sinquerim and Marinha Dourada and Hospitals such as Manipal Hospital & JMJ have contacted the cell for their individual requirements of Bcom, BSc, BTTM and BBA students.

Campus Interviews were held on 25th March 2013, by MICRO LABS LIMITED, Verna, Goa for students and ex-students of M.Sc – Part II

38. DEVELOPMENT PROGRAMMES FOR NON – TEACHING STAFF:

| Sr.No | Date | Title | Resource Person |
|-------|------------------------------|----------------|--|
| 1. | 13 th August 2012 | ‘Happy Living’ | Most Rev. Franco Mulakkal, Aux. Bishop of the Archdiocese of Delhi |

39. HEALTHY/INNOVATIVE PRACTICES OF THE INSTITUTION:

St. Xavier’s College has the following Healthy Practices to inculcate virtue and discipline along with academics

- **Prayers:** The first lecture of the day begins with a non-denominational prayer, conducted by a student belonging to any faith.
- **Attendance:** Attendance is compulsory for every lecture. Students are required to maintain 75% attendance for a month, failing which, students are informed of their irregularity and their names are displayed on notice boards. Parents/guardians are informed in cases of poor attendance.
- **Teacher-Mentor initiative:** Each teacher mentors students placed under their guidance. The mentor is expected to respond to the students need for general counseling. However, a professional Counselor is also available on campus to provide more professional help
- **Assessment of Teachers by Students:** At the end of the year the students of the SY and the TY evaluate their teachers. On a given proforma in which, they identify the nearest value applicable to their teacher and express their opinions and suggestions. These sheets are then given to the respective teachers as a feed back on her/ his teaching and the teachers are expected to take necessary measures if required.
- **Departmental Meetings:** Every Department holds its Departmental meetings with its faculty members to discuss the performance and plans for each semester and other matters of Academic concern.

- **Educational Teaching Aids:** Teachers are encouraged to use modern teaching aids like LCD projector to enhance the Teaching- learning process along with the traditional chalk-board and lecture method.
- **Personal Identity:** Students have to wear an Identity Card with lanyard around the neck. The color of the lanyard identifies the students with their respective streams.
- **Value Education:** A weekly value education session is conducted for all students. These lectures highlight topics on current issues and values in general. Resource persons are invited to deliver lectures on such topics besides the co-operation of the college faculty.
- **Linkages:** St Xavier's College has developed linkages with Research as well as Commercial Institutions. This enables students as well as teachers to avail facilities offered in those institutions for field experience.
- **Extension Activities:** These include activities beyond the syllabi and as a Social outreach initiative. It is carried out through Cells, Associations and Clubs. The college has twenty-five Cells / Clubs which help students to discover and develop their talents.
 - i. Economics Forum.
 - ii. Women Cell.
 - iii. Child welfare cell
 - iv. Science Association.
 - v. Nature Club.
 - vi. Information Technology Forum.
 - vii. Indian Language Association.
 - viii. Communication Club.
 - ix. MAX- Music Association of Xavier's
 - x. Theatre Club.
 - xi. Films Club.
 - xii. Forum for Social Interaction and Concern.
 - xiii. Commerce Club.
 - xiv. Well-being Club
 - xv. Replicating Success Cell.
 - xvi. Research and Development Cell.
 - xvii. Goa Xavier College Alumni/ae Association.

- xviii. Career guidance and Placement Cell.
- xix. Counseling Cell.
- xx. Youth Cell.
- xxi. Centre for Value Education and Dialogue & Peace.
- xxii. AICUF.
- xxiii. NSS.
- xxiv. NCC (Boys)
- xxv. NCC (Girls)

- **Study Centre / Exam Centre:** The College conducts an entrance test for BCA admissions
- **Seminars / Workshops:** Every department is encouraged to organize Subject Updates / Seminars / Workshops to keep in touch with the latest developments in their areas of study
- **Faculty Enrichment Programme:** The College conducts a Two Day Annual programme for the teaching staff / non- teaching staff on relevant themes which helps them to enrich themselves and develop their personalities. Besides this, Resource persons are invited for sessions of relevance to the Faculty.
- **Guest Lectures / Talks:** Professionals, experts and alumini, in various fields are invited to deliver talks / interactive sessions with students. These sessions expose students to a variety of career options.
- **Eco-Friendly Practices:**
 - Potted plants: The College presents potted plants to guests or resource persons who are invited to the college. This is to promote sensitivity to eco-friendly practices.
 - ‘No Plastic’ drive: The College discourages the use of plastic cups, straws and generation of plastic garbage on campus for its various functions.
 - Using Paper / cloth bags, paper cups instead of plastic ones.
- **University / Inter-collegiate Competitions:** Students of the college are encouraged to participate in these competitions for a wider exposure both at state and National levels
- **Inter Religious activities:** The Institution holds inter-religious prayer gatherings on occasions like Sadbhavana Divas, prayers, invocations on occasions to promote inter-religious harmony.

- **Shikta Shikta Zod:** Students are given holiday jobs on campus to encourage them into the ‘Earn while you Learn’ approach.
- **Staff matches:** College staff v/s HSS staff in football and cricket, inter-college staff tournaments
- **Excursions:** Local study excursions are organized for student exposure in different disciplines.
- **Commemoration of Selective Days:** To generate awareness, concern and a spirit of brotherhood the cells / clubs commemorate National and International days by organizing competitions and other activities. Days commemorated this year are as follows:
 - World Population Day
 - Campaign against Nuclear Weapons Day
 - Sadbhavana Diwas
 - Anti- Corruption Day
 - Portuguese Day
 - Hindi Day
 - International Day of the Girl Child
 - International Women’s Day
 - Human Rights Day,
 - NSS Day
 - Mental Health Day
 - National Youth Day
 - Teachers’ Day
 - Independence Day
 - Republic day
 - Goa Liberation Day
 - International Literacy Day
 - Joy of Giving Week
 - Mental Health Week
 - Road Safety Week
- **Summer Courses for skilled-based learning:** The College organizes summer courses with the objective of providing training to students and the general public

in various skills. This year the following courses were conducted from the 15th of April, 2013 onwards.

- Basic Digital Photography
 - Basics of Guitar Playing
 - Basics of Corel Draw and Photoshop
 - Cookery, Flower Arrangement and Vegetable Carving
 - Nursery and Home Estate Maintenance
 - Blogging – Pagination
 - Industrial Automation
 - Radio Jockeying (RJ) – Compering
 - Self Defence for Women – Kung Fu
 - Appreciating Poetry
- **Book exhibition :** To promote love of reading Book exhibitions are organized on campus by various Publishing Houses
- **‘Papyrus’ A Book Club by the Dept. of English:** a platform for young readers to share their views on what they read and encourage the reading habit.
- **Gymnasium:** There is a well-equipped gymnasium on college premises. The college campus also houses a sports Complex and a sports ground.
- **Ruby Jubilee Book Bank Scheme:** Under this scheme the college library offers deserving students with a good academic record a set of books required by the students for the whole semester.
- **Facilities on Campus :**
- Banking Services – Central Bank of India
 - A suggestion / question box
 - Photo copying facilities
 - Canteen facilities
 - Parking lot
 - Security services
- **Notice Board Displays :**
- Display boards on the campus for useful quotes, information of courses, jobs, State level and National level competitions.
- **Annual Faculty Picnic:** The annual faculty picnic is organized with the purpose of promoting fellowship among teachers in a very informal situation.

- **Management's Financial Aid to Staff:** Emergency financial aid is made available to staff members.
- **Public Address System:** It broadcasts music, news headlines and a Thought for the Day before lectures begin. It is also used to make important announcements for students in general.
- **Discipline Committee :** To ensure that students attend lectures, maintain the dress-code, wear their identity cards, and maintain discipline in general while on campus
- **Plus Points:** The Students Council of the College organizes a 3 Day Festival of inter class competitions. This activity promotes students talents, creativity, and their skills at shouldering responsibilities, planning, organizing, and maintaining discipline of students, money management, spirit of co-operation and competition and accountability.
- **Publications :**
 - **XavierWrite:** A joint bi-annual publication of teachers and students with the purpose of encouraging students to write and to highlight the activities and achievements of the college.
 - **Spectrum:** It is an Interdisciplinary Research Journal of the College that publishes research articles by the staff.
 - **Halcyon:** The Annual College Magazine.
 - **College Prospectus:** It highlights the Infrastructure / Courses and facilities on campus.
 - **College Handbook:** It portrays the calendar of events for the Academic Year
 - **Departmental Newsletters:**
 - ❖ MICROSCOPE (SEE THE UNSEEN) – A bi-annual newsletter, Dept. of Microbiology
 - ❖ BECOMING – An annual in-house magazine, Abbe Faria P.G. Department of Psychology
 - ❖ VOICES – Department of Mass Media and Videography
 - ❖ GENESIS – Department of Journalism
 - ❖ PLANTAE: Department of Botany
 - ❖ COMQUEST: Department of Commerce
 - ❖ CATALYST: Department of Chemistry

- ❖ ELOQUENCE; Department of English
- ❖ ANTARMAN: Department of Konkani
- ❖ SOMAJACHO ARSO: Department of Sociology
- ❖ XAVIERPOST: Department of Journalism
- ❖ XPLOREUR: BBA (TT)
- ❖ E-NEWSLETTER: BCA

- **Proceedings of National Seminars**

1. “Goye Mukti Uprantachi Kavita : Ekvisavea Shekadeachea Sandhar Bhat” published by the Depts. Of Indian Languages
2. “Climate Change in Goa after Liberation” published by the Dept. of Physics
3. “Goa’s Post-Liberation Advances in Technology : Implementation of GPS and GSM Modems in Embedded Systems” published by the Dept. of Electronics

- **Publication of Books:**

1. Physical Chemistry – Volume I
Authored by Dr. Tushar Anvekar, Ms. Shivta Mayenkar, Ms. Sheryl D’Cruz
2. Series of Laboratory Manuals for the FY / SY/ TY B.Sc St. Xavier’s College Publication
FYBSc – Ms. Edwina Pereira and Ms. Sheryl D’Cruz
SYBSc - Ms. Edwina Pereira, Ms. Kathleen Pinto, Ms. Shivta Mayenkar and Mr. Vinod Mandrekar
TYBSc - Ms. Edwina Pereira, Ms. Kathleen Pinto, Ms. Shivta Mayenkar, Mr. Vinod Mandrekar, Dr. Tushar Anvekar, Dr. Teotone Vaz, Ms. Janesline Vaz, Ms. Isabelle de Noronha, Mr. Mahesh Nair and Ms. Sheryl D’Cruz

- **Mr. Xavier and Miss. Xavier Award** : An annual award conferred on outstanding TY students for the academic year.
- **Annual Farewell and Passing out Parade for the TY Finalists**
- **Felicitation of TY University Rankers and Distinction holders of the College by the College Management**
- **Felicitation of TY University Rankers of the College by the College P.T.A.**

40. LINKAGES DEVELOPED WITH NATIONAL / INTERNATIONAL, ACADEMIC RESEARCH BODIES:

St. Xavier's College has developed linkages with research as well as commercial institutions to enable teachers as well as students to avail of facilities offered in these institutions to enhance the Teaching-Learning experience. The existing Linkages are:

- St. Xavier's College – National Institute of Oceanography
- St. Xavier's College – Indian Council for Agricultural Research
- St. Xavier's College – Inspectorate of Factories and Boilers
- St. Xavier's College – Goa Chamber of Commerce & Industries
- St. Xavier's College – Fundação Oriente
- St. Xavier's College – Instituto Camões
- St. Xavier's College – Portuguese Consulate in Goa.
- St. Xavier's College – Goa Medical College, Directorate of Health Services, and Institute of Psychiatry and Human Behavior.
- St. Xavier's College – Xavier Centre of Historical Research.
- St. Xavier's College – Institute of Philosophy and Religion,(Casa Palotti)
- St. Xavier's College – Goa Institute of Management.
- St. Xavier's College – Goa Management Association.
- St. Xavier's College – Dept. of Management Studies, Goa University
- St. Xavier's College – Dept. of Portuguese Studies, Goa University
- St. Xavier's College – Dept. of Economics, Goa University
- St. Xavier's College – Dept. of Political Science, Goa University
- St. Xavier's College – Schools
- St. Xavier's College – Parishes
- St. Xavier's College – College of Nursing, Government of Goa
- St. Xavier's College – Tiatr Academy Goa
- St. Xavier's College – Communications Centre
- St. Xavier's College – Xavier Board of Higher Education in India
- St. Xavier's College – All India Association of Christian Higher Education.

41. ANY OTHER RELEVANT INFORMATION THE INSTITUTION WISHES TO ADD:

➤ **IGNOU Convergence Scheme**

Indira Gandhi National Open University (IGNOU)

St. Xavier's College, Mapusa is a partner institution of IGNOU under its Convergence Scheme. As a partner Institution, St. Xavier's is granted permission to offer Under-graduate, Post-graduate, Certificate and Diploma Programs of IGNOU. These are listed below:

- Diploma in creative writing in English. (DCE)
- Certificate in Consumer Protection (CCP)
- Certificate in Nutrition and Child Care (CNCC)
- Bachelor Preparatory Programme (BPP)
- Bachelors in Library and Information Science (BLIS)
- Masters in Library and Information Science (MLIS)
- Masters in Tourism Management (MTM)
- Masters in Dietetics and Food Service Management (MSc - DFSM)

There were 12 admissions for M.Sc – DFSM. However these could not be finalized because IGNOU, New Delhi has put on hold admissions for the academic year 2012-13. However receipt of study material and conduct of examination continues for students already registered. Students receive their certificates by post from IGNOU and grade cards are downloaded from the website. Many MTM, BLIS and MLIS students have completed grade cards. Students who have completed their certificate courses have received their certificates.

➤ **The various Committees of the College formed to facilitate smooth functioning:**

- IQAC
- Students Council
- Editorial Boards for: The Annual College magazine, The Bi-Annual College Newsletter; Xavier Write, Prospectus, Handbook (UG) and Handbook (PG).
- Examination Committee
- ISA Monitoring Committee
- Unfair Means Inquiry Committee

- Attendance Monitoring Committee
- Grievance Committee
- Sexual Harassment Committee
- Anti-Ragging Committee
- Anti-Ragging Squad
- Discipline Committee

➤ **Enrichment / Extra-curricular activities organized by the College:**

- 21st July 2012 – “Square Rounds” – An Intra-Mural Quiz Competition
- 12th September 2012 – Psygnus organized by P.G. Dept. of Psychology
- 15th September 2012 – Emminence organized by SYBBA
- 27th September 2012 – World Tourism Day – Inter-Collegiate Event organized by BBA (T.T)
- 20th October 2012 – PRAXIS – An Inter-Collegiate Sports Event organized by BBA
- 28th November 2012 – All Goa Inter-School G.K. Quiz Competition organized by Depts. Of Microbiology, Maths and Electronics
- 15th -16th February 2013 – IRIS 2013 organised by the Dept. of Mass Communication and Videography
- 17th February 2013 – Bible Quiz – An Inter-Collegiate Quiz
- 19th February 2013 – State Level Inter-Collegiate Commerce Quiz organized by U.G and P.G. Depts. Of Commerce
- 23rd February 2013 – Calamus 2013 – Inter-Collegiate Fest organized by the Dept. of Journalism
- 18th March 2013 – Enigma - Inter-Collegiate Management Competition organized by BBA
- 23rd March 2013 – Better Me, Better You – A formative programme for Staff and Parents organized by the Depts. Of Philosophy, Sociology and History
- September 2012 – March 2013 – Late Fr. Nicolau Pereira Lecture Series
- 5th – 7th December 2012 – Golden Jubilee Exhibition
- 19th December 2012 – Xavierathon – mini marathon open to public
- 21st – 22nd December 2012 – Plus Points – An intra-collegiate event organized by the Students Council
- 26th January 2013 – Konkani Tiatro organized by P.T.A.

- 29th January 2013 - Inter-Collegiate Elocution Competition organized by Depts. Of Psychology, Political Science and Economics
- 1st March 2013 – Kala Utsav – Cultural Programme by students

➤ **Membership of Board of Studies:**

| Name of Faculty | Department | Membership of AC/BOS |
|------------------------------------|-------------------|---|
| Dr.(Fr.) Walter de Sa Principal | Sociology | Member of BOS in Portuguese Member of BOS in Sociology |
| Dr. Maria Emilia Mascarenhas | Botany | Member of BOS |
| Ms. Sheryanne Velho Pereira | Biotechnology | Member of BOS |
| Dr. Tushar S. Anvekar | Chemistry | Member of BOS |
| Mr. Edwin D'Souza | Computer Science | Member of BOS |
| Dr. Filipe Rodrigues e Melo | Commerce | Member of BOS (P.G. Dept. of Commerce) |
| Mr. Daryl Gonsalves | Electronics | Member of BOS |
| Ms. Shirlene P. Fernandes | English | Member of BOS |
| Ms. Pamela Fernandes | History | Member of BOS |
| Ms. Marina Monteiro | Microbiology | Member of BOS of Microbiology and Biotechnology |
| Ms. Linette de Souza | Microbiology | Member of BOS |
| Dr. Vrunda Kelkar | Marathi | Member of BOS |
| Ms. Aruna Ganu | Marathi | Member of BOS upto December 2012 |
| Mr. Cajetan Raposo | Political Science | Member of BOS |
| Ms. Ubaldinha Noronha | Psychology | Member of BOS |
| Dr. Annie C. Fernandes | Sociology | Member of BOS |
| Ms. Vailarose Fernandes | Mass Comm. | Member of BOS |
| Ms. Vilma Fernandes | Electronics | Member of BOS |
| Ms. Alice D'Cruz | English | Member of BOS |
| Mr. Rajendra Kanekar | Physics | Member of BOS |
| Dr. B.C.Nair | Mathematics | Member of BOS |

| | | |
|---------------------|----------|-------------------------------|
| Dr. Ramita Gurav | Hindi | Member of BOS |
| Mr. B.S. Rajasekhar | Commerce | Member of BOS Member of AC |

➤ **Results of St. Xavier's College for 2012-2013 (Goa University):**

| Class | Distinction | First Class | Second Class | Pass Class | Pass % | University Ranks |
|----------------------------|--------------------|--------------------|---------------------|-------------------|---------------|--|
| T.Y.B.A. | 62 | 87 | 50 | 20 | 92.40% | 4 th , 6 th , 7 th , 8 th , 9 th |
| T.Y.B.Sc. | 110 | 51 | 08 | 04 | 98.29% | 1 st , 2 nd , 3 rd , 4 th , 6 th , 7 th , 9 th |
| T.Y.B.Com | 77 | 113 | 33 | 10 | 95.49% | 1 st , 5 th , 7 th , 9 th , 10 th , 10 th |
| T.Y.B.C.A | 08 | 17 | 09 | -- | 91.89% | |
| T.Y.B.B.A. | 06 | 20 | -- | -- | 83.87% | |
| T.Y.B.B.A. (TT) | -- | 12 | 01 | -- | 81.25% | |
| M.A. | 13 | 12 | 01 | -- | 89.65% | |
| MCom | -- | 08 | 05 | -- | 72.22% | |
| MSc | 01 | 06 | 06 | -- | 72.22% | |

PART C

PLAN OF THE COLLEGE FOR THE ACADEMIC YEAR 2013-2014

The Academic Year 2012-13 gone by was indeed a great blessing since much has been achieved with the collaboration of the Staff, students and other stake-holders. During this year, we are happy to say that we had a year long Golden Jubilee Celebration of our Institution, that brought together as a Xavierian family all the students, staff, members of PTA, Alumni and all the well wishers and benefactors of St. Xavier's College

As planned for the year 2012-13, the programmes were implemented. Our target has always been to achieve more every academic year. Thus our planning for the next academic year 2013-14 includes the following activities.

1. To organize an Orientation Workshop for the newly appointed Heads of Departments (HODs).
2. To organize Faculty Enrichment Programme.
3. To organize an In-Service Programme for the support staff.
4. To motivate faculty to undertake research projects.
5. To motivate faculty to register for Ph.D programmes.
6. To organize International / National / State level Seminars / Workshops.
7. To sign MOU with International Institutions.
8. To introduce MOODLE to make learning more effective.
9. To publish books, departmental newsletters, proceedings of the seminars, etc.
10. To conduct certificate courses.
11. To start Research Centres in Chemistry and Commerce.
12. To apply for academic autonomous status to our institution.
13. To invite eminent personalities to interact with our students.
14. To introduce Credit based System at Post Graduate Level.
15. To procure equipments / apparatus for Science Departments.
16. To provide an opportunity for the students to develop leadership and organizational skills by allowing them to organize inter-collegiate events.
17. To train students to make documentaries, short films and advertisements.
18. To train students to write CV and to learn interview techniques.
19. To hold inter-face meeting with industries.

20. To take students for field trips.
21. To celebrate World Tourism Day.
22. To celebrate Portuguese Day.
23. To organize programmes related to sustaining and protecting environment.
24. To promote Counseling, Mentor System and Value Education Programme.
25. To further strengthen placement activities and campus recruitment.
26. To set up Photography Club.
27. To hold a medical / health camp for staff.
28. To review the syllabus.
29. To construct toilets.
30. To construct a recreational hall.
31. To institute St. Xavier's Golden Jubilee Research Fund.
32. To hold 10 days All Goa ATC Camp for the Goa Girls BN NCC.
33. To name the plants / trees on the campus.
34. To organize blood donation camps.

We undertake to implement our plans chalked out for the year 2013-14 by adopting a collaborative approach and a team spirit that would contribute to achieve academic excellence, thus making our institution, St. Xavier's College, known far and wide.

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