



# ST. XAVIER'S COLLEGE (AUTONOMOUS)

Re-accredited with 'A' (CGPA 3.41 out of 4) by NAAC (3<sup>rd</sup> Cycle) | Affiliated to Gujarat University

## ST. XAVIER'S COLLEGE (AUTONOMOUS)

### INTERNAL EVALUATION REPORT OF THE COLLEGE

Academic Year: 2014-15

St Xavier's College was conferred autonomous status on June 19, 2014. With immediate effect, it constituted all statutory committees such as Governing Body, Examination committee, Finance committee, Academic council, and BoS for all subjects. Departments constituted their boards and conducted the meeting to revise syllabus and to bring in curriculum change.

College also constituted 18 non- statutory committees to strengthen administration and to take care of various areas of student development. College also has a well-established cell to look into the women development, marginalized students, internal complaints committee, disciplinary committee, etc. Highlight of the progress in 2014-15 (the first year of Autonomy) is as follows:

#### 1.0. Constituting committees

The first meeting of the Governing Body of St Xavier's College under the autonomous system was held on March 21, 2015 with the following members:

- Fr Francis Parmar, Chairperson
- Dr. \_\_ (UGC Nominee)
- Dr. M.N. Patel, State Govt. Nominee
- Dr. Baldev Patel, Gujarat University Nominee
- Adv. Rakesh Gupta, Management Nominee
- Dr. (Fr.) Lancelot D'Cruz, Management Representative
- Fr Vincent Saldanha, Management Representative
- Fr Fernando Franco, Management Representative
- Dr. U.B. Gothi, Senior Faculty
- Dr. Nirmal Desai, Senior Faculty and CoE.
- Dr. Sebastian Vadakan, IQAC Coordinator
- Dr. (Fr.) Robert Arockiasamy, Principal, Member Secretary

The following are members of the Academic Council:

- Dr. Nisha Shah, Dept. of Chemistry, Gujarat University Nominee
- Dr. Hyacinth Highland, Dept. of Zoology, Gujarat University Nominee
- Dr. Manubhai Makwana, Dept. of Sociology, Gujarat University Nominee
- Dr. Sudhir K Jain, Director, IIT Gandhinagar, External Expert
- Dr. Alok Dhawan, Director, Institute of Life Sciences, External Expert



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- Dr. Alok Dhawan, Director, Institute of Life Sciences, External Expert
- Dr. Ernesto Noronha, Professor, IIMA, Alumnus & External Expert
- Dr. Malay Mahadevia, Fulltime Director, Adani Infrastructure, Industry Rep.
- Mr. Pankaj Mudholkar, Director, Aakriti Promotions and Media Ltd., Alumnus
- Dr. Abhijit Sen, Ex-Director, Plasma Research, Alumnus & External Expert
- Mr. Janmejy Vyas, MD, Dishman Pharma, Alumnus & Industry Rep
- Dr. Aditi Vyas, Managing Director, Azafra group, Alumnus & Industry Rep.
- Fr. Vincent Saldanha, Vice Principal & Management Representative
- Dr. Lancelot D'Cruz, Vice Principal and HoD, Dept of Botany, St Xavier's College
- Dr. Sebastian Vadakan, Vice Principal & IQAC Coordinator, St Xavier's College
- Dr. Nirmal Desai (CoE), Dept of Chemistry, St Xavier's College
- Ms. Ami Shah, HoD, Dept of Economics, St Xavier's College
- Dr. Sarvar Sherry Chand, HoD, Dept of English, St Xavier's College
- Mr. Puransinh Makwana, HoD, Dept of Gujarati-Hindi, St Xavier's College
- Dr. Khushnuma Banaji, HoD, Dept of Psychology, St Xavier's College
- Dr. Suchita Mehta, HoD, Dept of Sanskrit, St Xavier's College
- Dr. Sudeshna Menon, HoD, Dept of Biochemistry, St Xavier's College
- Dr. Atul Makwana, HoD, Dept of Chemistry, St Xavier's College
- Dr. Rajesh Iyer, HoD, Dept of Physics-Electronics St Xavier's College
- Dr. Udayan Prajapati, HoD, Dept of Mathematics, St Xavier's College
- Dr. U.B. Gothi, HoD, Dept of Statistics, St Xavier's College
- Mr. Bhadauria, Senior Faculty, St Xavier's College
- Mr. M.C. Patel, Senior Faculty, St Xavier's College
- Dr. Mallika Sanyal, Member Secretary, St Xavier's College
- Fr. David Roy, HoD, Dept of Computer Sciences, St Xavier's College
- Dr. (Fr.) Robert Arockiasamy, S.J., Principal, St. Xavier's College

The following are members of the Finance Committee

- Fr. Robert Arockiasamy, Principal
- Fr. Ramesh Macwan, Treasurer of Gujarat Jesuit Province
- Fr. K.T. Mathew, Treasurer, St Xavier's College
- Mr. Victor Saldanha, External Expert
- Dr. M.D. Momin, Senior Faculty, St Xavier's College
- Mr. M.C. Patel, Senior Faculty, St Xavier's College

The following are members of the Examination Committee

- Dr. (Fr.) Robert Arockiasamy, Principal
- Dr. Nirmal Desai, Controller of Examinations
- Fr Vincent Saldanha, Vice Principal, Arts
- Dr. Sarvar Sherry Chand, Senior Faculty
- Dr. Arun Patel, Senior Faculty





- Dr. T.C. Pandya, Senior Faculty
- Dr. Sebastian Vadakan, IQAC Coordinator

The following are Gujarat University Nominees as members of various Boards of Studies (BoS):

Economics:	Dr. Kartik Bhatt, Head, Dept. of Economics, Guj. Uni
English:	Dr. Nutan Kotak, Professor, Dept. of English, Guj. Uni.
Gujarati-Hindi:	Dr. Jitendra Macwan, Manekbaug Bank Arts and Mahindra Urban Bank College, Mahemdabad
Psychology:	Dr. Ashwin Jansari, Head, Dept. of Psychology, Guj. Uni.
Sanskrit:	Dr. Harshdev Madhav, Head, Dept. of Sanskrit, HK Arts College, Ahmedabad
Biochemistry:	Dr. Meenu Sharaf, Professor, Dept. of Microbiology, Guj. Uni.
Botany:	Dr. Archana Mankad, Head, Dept. of Botany, Guj. Uni.
Chemistry:	Dr. K.H. Chikhaliya, Professor, Dept. of Chemistry, Guj. Uni
Electronics:	Dr. Utpal Joshi, Asso. Professor, Dept. of Physics, Guj. Uni.
Mathematics:	Dr. A.K. Desai, Head, Dept. of Mathematics, Guj. Uni.
Physics:	Dr. P.N. Gajjar, Head, Dept. of Physics, Guj. Uni.
Statistics:	Dr. R.G. Bhatt, Head, Dept. of Statistics, Guj. Uni.
Zoology:	Dr. Kiran Prajapati, Asso. Professor, Dept. of Zoology, RA Bhavan's College, Ahmedabad

As mentioned earlier, in order to ensure greater participation of staff for smooth running of the institution, 18 non-statutory committees were formed and the entire faculty is inducted into at least one of the committees.

## 2.0. Approval of Syllabi

College organised training for all staff members in designing learning outcome based designing of syllabus. This has helped many departments to organise and revise syllabus. The role of the teacher as a motivator to learn a subject is highlighted. If teachers are involved in the course through projects, linking to a job, and higher studies, a course can be made interesting for students. Therefore, the curriculum focuses on workshops, experiential study and project work. This will bring in problem based learning rather than rote learning. Critical thinking and conceptual learning is needed in Arts and Science subjects. Therefore, a new pedagogy has been adopted in classroom teaching. The Board of Studies of most departments also emphasized on creativity in the evaluation system.

All staff members were encouraged to prepare unitised teaching plan and display on departmental notice board. This helps the students to have greater transparency of the commitment teaching-learning methodology.





departments also began putting up the proposed assignment patterns on the notice boards.

Syllabus of various departments for under graduate and Post graduate courses in Economics, English, Sanskrit, Gujarati & Hindi, Psychology, Chemistry, Physics, Electronics, Biochemistry, Botany, Zoology, Mathematics, Statistics, Vocational Biotechnology and Vocational Industrial Chemistry were revised and approved to be implemented from the current academic year.

A new model for the vocational courses in Biotechnology (BT) and Industrial Chemistry (IC) was suggested and approved by the Governing Body. In the new model, both these courses would be considered as Subject Electives. A special certificate for the same would be issued by St. Xavier's College to those students who complete these courses.

College also encouraged departments to initiate new programmes such as B.Sc. Biotechnology, and M.Sc. Biochemistry and new combinations such as Mathematics-Statistics-Computer Sciences, Economics- Mathematics, Computers-Commerce, Mass communication to students under the autonomous system.

Physical infrastructure and other arrangements were established for the Controller of Examinations. The Strong Room and security measures being put in place.

The Finance Committee recommended a revision of fee structure.

### **3.0. Autonomy grant**

The autonomy budget for the year 2014-15 was sent to the UGC (WRO) in March 2015, along with the autonomy budget for the year 2015-16.

### **4.0. Examination reforms, evaluation reforms, and grading**

College decided to have grading policy as per GU pattern. Failed students are given at least two chances before detaining. Two written examinations are conducted as part of CIA, a mid-semester (conducted after 7-8 weeks of teaching) and an end-semester (conducted after 15th week of teaching). A teacher is given freedom to introduce creative methods to assess a student.

Evaluation Board is established to look into a question paper before submission to the Controller of Examinations. Two letter coding system for theory and a three letter coding system for practicals is established. The advantage of this system is that it avoids ambiguity while revising the syllabus after 3 years and there is clarity. In order to make the course more dynamic, terms such as allied required, allied optional is introduced in the course structure. College also reworked on the policy for practical examinations.

Evaluation pattern is also systematized in the college for core papers as well as for soft skill, foundation and electives. College also has decided on passing policy,





gracing, and incentives for sports students and those who participate in extracurricular activities, repeaters examination, grievances regarding examinations, policy on malpractices, policy on publishing the result etc.

College also standardised its policy on promotion to second and third year.

College finalised its admission policy for minority, SC, ST, OBC, and physically challenged students.

#### **5.0. Research**

Many of our faculty published papers and present papers at seminars. Two of our faculty received research grants. Students are engaged in UG and PG research project under 13 departments of the college. College is in the process of establishing research fellowships for boosting UG and PG research.

#### **6.0. Co and Extra Curricular activities**

Co and Extracurricular activities are offered to students to nurture and develop talents. Students participate in Gujarat university sports and cultural competitions. 23 students have gone for All India Inter University and National level.

One of the students was selected for RDC parade and another student for NIC camp at Nagaland. NSS continues to organise several humanitarian programmes. The SC-ST cell of the college organised various programmes towards capacity building of students. Campus Ministry conducted Personal Growth Oriented Programme for all students. It also offers its services in counselling and in organizing value education programmes for students.

#### **7.0. Recommendations**

1. An Internal Complaint Committee (ICC) which has statutory powers should be formed. This will also take care of anti-sexual harassment and anti-ragging issues under the umbrella of the present Women Development Cell. However, the anti-ragging cell can function separately.
2. Instituting scholarships, fellowships, studentships, medals, prizes and certificates, Research Fellowships for outstanding research students, Scholarship for deserving sports persons should be instituted with the support of benefactors. More merit certificates should be given to students
3. Set up an e-library with video conferencing facility to inculcate and enhance reading habit among students
4. Initiate online MCQ based examination be conducted for third years as part of CIA as it can build confidence in students and eliminate subjectivism in evaluation. With regard to those subjects which are difficult to offer an online examination, a regular descriptive examination may be conducted.





**Members:**

1. Dr Sebastian Vadakan, IQAC coordinator
2. Dr Sudeshna Menon, Assi. Prof. Dept of Biochemistry-Biotechnology
3. Dr Uma Harikrishnan, Assi. Prof. Dept. of Chemistry
4. Dr Clement CJ, Asso. Prof. Dept of Physics-Electronics

