Semester and project component at the end of the third semester of the course lays the foundation of a student's transition from what he/she is to a professional/researcher.

The students have organized a programme called 'MILANTI' a get-together of the old students with the new ones. A number of students have also presented papers in different national seminars and received great accolade from the audience. The dean of the Department, Dr. (CA) Sanjib Kumar Basu has undertaken a major research project on "ICT Intervention in Gram Panchayat Accounting: Problems and prospect" which is funded by University Grants Commission. One of the faculty members of the department Prof. Soumya Saha has enrolled him as a PhD scholar in the Management Department of Calcutta University.

The department has organized an industrial visit during this year to give the students an exposure about the things happening throughout and make them familiar with the corporate world.

Department of Computer Science

Computer Science (UG)

Continuing with the journey which began in 1995, the Department of Computer Science which had taught a few ten students then has grown and caters to the needs of about 500 students now. In keeping with the tradition and motto of the College, the department students and teachers have continued to excel in the field of Computer Science and application.

The year 2014 proved to be a very fruitful year for the department in terms of academic excellence and development. The re-structured curriculum, which was introduced during the session 2013-2014 received very positive feedback from students and academic experts alike. The implementation of the updated new syllabus, meant that upgraded laboratories, both at the under graduate and post graduate levels would have to be introduced and developed. This challenge was effectively met by our active and untiring teaching and support staff members of the department. As Computer Science and technology are evolving and changing rapidly, the teachers have to continuously upgrade themselves along with their regular assignments and duties.

At the PG level, under the restructured curriculum, Term-Paper is introduced in the 3rd semester. This has given an exceptional opportunity to the students to involve themselves in research work and will help them to take up higher studies in reputed institutes abroad and in the country. The department plans to release a yearly research journal with the outcome of the students' term-papers under the mentorship of the teachers.

The students have taken a keen interest in the research field, with more than 30 papers being published in International Journals and conference proceedings under the able guidance of our teachers. Students have presented many research papers and won awards in various conferences and events. Some of the events are:

Computer Science (PG)

- UGC Sponsored International Conference: "Entrepreneurship, Innovation and Inclusiveness - A Strategic Paradigm" held at Jyoti Nivas College, Bangalore.

- International Science and technology Congress, IEM Congress-2014, held at Kolkata.

- Rotary Innovation in The field of Science and Technology, held at BIT, Kolkata.

- Acharya Satyendranath Basu memorial Science and Technology Fair 2014 organised by WB Bigyan Mancha, West Bangal.

- INSTRUO' 2014 - Annual Techno-Management Fest of Bengal Engineering and Science University, Shibpur.

- EDGE' 2014 - a technical festival organised by Techno India, Saltlake.

Our students have outdone themselves in extracurricular and co-curricular activities without compromising on their curricular demands. The department has made its presence felt in the Annual Science Exhibition held in our College. The top three honours went to the students of our department. They did well in competing with students of other Colleges/universities at the National level also. The department was well represented at various events such as X-Confero. Two out of the top six participants were students from our department. Kanishka Ghosh Dastidar (third year, Computer Science) went on to become the top speaker at the event. The students have done well culturally as well. Many of our students have participated and have won accolades at various cultural events showcasing their talents in the field of dance, music, drama, etc. Swarup Dey Sarkar was 1st runner up in the Chess competition at National University of Chess, Noida and has been selected for Asian University Competition to be held at Malaysia in January 2015. The Department feels proud of them all.

The students of both undergraduate and postgraduate courses for the last session are well placed. They have been placed in reputed IT companies like Orient Entertainment, Cognizant, PWC, Wipro IT, Odessa technologies, IBM Daksh, Oglivy, Innofied Solutions Pvt. Ltd., etc. Most of the other students opted for higher studies and have enrolled themselves in reputed Universities/Institutes in our country

like Pune University, NIT, etc. Some of them have been selected for scholarship programmes in International Universities like OXFORD University - UK, Manchester University - UK, University of Nice Sophia Antipolis - France, University of Osnabruck - Germany.

The teachers in the department are actively involved in research and have published research papers in many renowned Journals like Springer, Elsevier, IEEE, IJCA and IJACR, to mention a few. The number of publications by them are more than 50. They have also presented research papers in seminars and conferences sponsored by UGC, IEEE, ACCENT etc. Prof. Shalabh Agarwal has successfully completed his Minor Research Project of UGC on Green Computing. Prof. Jayati Ghosh Dastidar has started work on a Minor Research Project of UGC on Image/Video Processing.

Dr. Asoke Nath has delivered invited lectures and keynote addresses at many International and National conferences. Notably, this year was his fourth consecutive appearance in World Congress of Science and Engineering, Las Vegas USA, as a keynote speaker. He has also chaired numerous sessions in various conferences in the country and abroad. Prof. Anal Acharya has been a chair on a session of "Data Mining" at the National seminar organized by the Department of Commerce of our College. Prof. Shalabh Agarwal, Prof. Anal Acharya, Prof. Sonali Sen and Prof. Jayati Ghosh Dastidar have acted as reviewers for papers in the International Conference, ICACNI' 2014. Prof. Kaushik Goswami contributed as a resource person with Pearson education in the Global Edition of the Book titled "Web Development and Design Foundations with HTML5, 7th Edn, by Felke Morris". Mr. Rana Biswas is acting as

the Technical Advisor in the Science Association of the College and is actively participating and guiding the students in various science projects.

The departmental members led by Prof. Shalabh Agarwal have continued to lend their support towards the upgradation and maintenance of the immense ICT needs of the College. Prof. Romit Beed is continuing with his able handling of the Student's Union as a Deputy President under the guidance of Rev. Dr. J Felix Raj, S.J., the President of the Union.

The department is committed to its endeavor to deliver the best and groom men and women who would in future ensure that St. Xavier's College, Kolkata keeps on glittering in the academic and industrial world. We strive to produce computer professionals with sound technical and analytic brain, possessing a human face, who would contribute to Nation building.