

ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC

**NAME OF THE INSTITUTION: ST. XAVIER'S COLLEGE (AUTONOMOUS),
KOLKATA**

YEAR OF REPORT: JULY 2005 TO JUNE 2006

SECTION – A: PLAN OF ACTION CHALKED OUT BY THE IQAC AT THE BEGINNING OF THE YEAR 2005-06 TOWARDS QUALITY ENHANCEMENT

Introduction:

In November 2005, we went through a process of discussions and debates among Jesuit Fathers, the Governing Body members, Alumni/ae and staff members regarding the preparation for autonomy. We had seminars/workshops on the pros and cons of autonomy, particularly on the issues regarding our preparation for autonomy. We invited experts from other autonomous colleges to get an idea about their experience in the autonomous status. We finally came to a consensus about our march towards autonomy and applied for autonomy. Our plan of action for the year 2006-2007, was prepared keeping in mind the provisions for the introduction of autonomy in the coming academic year. The academic year 2006-07 was the first academic session under Autonomy.

In March 2006, the College was granted autonomous by the University of Calcutta and in May 2006, the College was declared a 'Centre with Potential for Excellence' (CPE) by the UGC.

Detailed plan of action 2005-06:

1. To plan for autonomy at different levels and to carry on the reflection at the level of faculty, alumni and other stakeholders, and to send faculty members to study various Autonomous colleges in South India.
2. To start the process of application for the status of "College with Potential for Excellence".
3. To plan for new courses at UG and PG level:
 - a. UG- Micro-Biology. (Hons.)
 - b. PG- the College has got a well established computer center with highly qualified faculties and with such facilities, the College plans to start an M. Sc. in Computer Science.
 - c. Certificate courses-
 - (i) Plans to run Certificate Courses by the computer centre were initiated.
 - (ii) Plans to start Career Oriented Programmes were also initiated.
 - (iii) Technable ITes – courses on Call Centre and BPO training.
 - (iv) 6 months course in advertisement.
 - (v) "Still Photography" course under EMRC.
4. To introduce more teaching aids to improve the teaching-learning process and encourage innovative practices.
5. To organize more seminars, workshops etc. to spread awareness on academic and social issues.
6. To install an inter-departmental Tele-communication system.
7. To install an electric automatic bell.
8. To improve the system of teachers' evaluation by students with respect to improving the overall quality of the College.
9. To enhance the infrastructural facilities in terms of space, equipment, laboratories, libraries etc.
10. Up gradation of the syllabus according to quality demands and placement opportunities.
11. Support for inter-disciplinary programmes, faculty development programmes and research activities.
12. To deepen the Xaverian spirit of Nihil Ultra (Nothing Beyond), the motto of the college, within the students, staff and all stakeholders.

SECTION – B

1. Activities reflecting the Goals and Objectives of the Institution.

- At the beginning of the academic session 2005-06, the 1st year students were inducted to the Xaverian family through separate inauguration functions for the morning and the day departments. The freshers were welcomed and enlightened on the vision and mission of the College. Following the inauguration, the departments conducted their own orientation programmes to make the students aware of the rules, the regulations and the curriculum.
- The B.Sc. Microbiology and M.Sc. Computer Science programmes commenced in this academic session. With the introduction of the M.Sc. in Comp.Sc., the College was upgraded to the PG status. The M.Sc. Comp.Sc. was to run as an autonomous course under Calcutta University.
- “Ray at Work” – a photographic gallery on Satyajit Ray exhibiting photographs contributed by Mr. Nemai Ghosh was inaugurated by the famous cinematographer and Dada Saheb Phalke awardee, Shri Adoor Gopalakrishnan on 30th July. Shri Gopalakrishnan appreciated the efforts of the College on its diverse activities. The occasion was also graced by Mr. Sandip Ray and Mr. Mrinal Sen, noted film makers and directors.
- On July 31st 2005, the Institution celebrated the Feast of St. Ignatius of Loyola, the Jesuit Founder. On this occasion, staff and students came together to organize activities that reflected the Vision and Mission of the college.
- In August 2005, the students’ union election was held to elect the Class Representatives and the Secretaries of various societies. Following the election, the Principal addressed the Class representatives and Secretaries on the vision and mission of the college. He emphasized their role in creating a conducive atmosphere in the campus and their involvement in academic and non-academic activities to maintain the College’s long tradition of excellence and apolitical atmosphere in the campus.
- On December 3rd 2005, the Institution celebrated the Feast of St. Francis Xavier, the College’s patron. This brought the students, staff and other stakeholders together and created an atmosphere for exchange of views and feedback.
- The Foundation Day of the college was celebrated on 16th January, 2006 with a valedictory function, in which meritorious students were awarded and staff achievements, both in academics and service were also appreciated. Prof. R S Pillai, UGC Chairman, was the Chief Guest at the valedictory programme.
- A team from UGC visited the college on 2nd & 3rd February 2006 to assess the college’s application for Autonomy. The team members visited the departments, libraries, laboratories and the offices. They had interacted with the faculty, staff, students and alumni/ae to learn about their views on Autonomy. Finally the team left with a brilliant impression about the college.
- St. Xavier’s College had a number of social projects to form men and women for others. Week-end college to village programmes were organized periodically by the Department of Social Work to create social awareness and in order to enhance the quality of education in villages and deepen the social commitment of our students.
- For Academic Excellence and quality enhancement, and to encourage involvement in co-curricular/extracurricular activities the departments and the various societies/associations of the college published annual magazines portraying their activities through the year. Regular meetings, annual programmes, seminars and conferences were also held by the departments and the societies/associations.
- The mezzanine floor of the Chemistry lab was completed to give an additional space of 6500 sq.ft. The entire laboratory was reorganized and restructured to shift and accommodate the Physics lab from the 2nd floor. It was decided that the space vacated by the Physics lab would be used for the Central Library. The planning and work to this effect was initiated.
- The extension work on the roof was completed and the MCVV and Film Studies departments were relocated with enhanced space and facilities. The extension work produced about 4000 sq.ft. of additional space.
- The extension of the Microbiology lab in order to enhance facilities and to accommodate the Biotechnology department, had already begun and was near completion.
- Room no. 44 was modified to become the M.Sc. Comp.Sc. Laboratory and the space behind it was modified to create a theory class room.

- The proposal for M.Sc. Biotechnology (5 years integrated) was submitted to the University and preparations began to start the course from the coming academic session.
- In response to the long and continuous demand for the inclusion of girls in the B.Com. course, the College decided to commence B.Com. – co-educational programme in the evening session from the academic session 2006-07. The preparations for this course were completed and the admission procedures were completed.
- In view of the new courses in the current session, more faculty and support staff were recruited to fulfill the requirements. In view of the new courses in the coming session, the recruitment process for more faculty and staff was initiated in Physics, Biotechnology and Commerce Evening departments.
- Final concrete steps were taken to begin Career Oriented Programmes from July 2006. Prof. Ashis Mitra was appointed as the coordinator. The courses finalized were Logistics & Supply-Chain Management, Advertising, Tax Practices and Procedures, Foreign Trade Practices and Procedures and Computerized Accounting & Financial Decision-making. The admission processes of these courses were completed in June 2006.

2. New academic Programmes initiated (UG & PG).

- M. Sc in Computer Science – With the introduction of this first PG department, the college became a center for Post Graduate teaching.
- B.Sc. Microbiology Honours.

3. Innovation in curricular design and transaction.

The College was granted autonomy and the courses under the autonomous status were to commence from the new academic year i.e. 2006-07. In view of this, the curricula of all the UG courses were redesigned and restructured. The salient features of the new and redesigned curricula were:

- Semester system
- Credit system
- Definite and structured contents with modularization of the syllabi.
- Modern and more relevant topics
- Co-curricular and extra-curricular activities included in the curriculum and made compulsory

As per the statutes for autonomous colleges, a Board Of Studies for each department was formed to facilitate the activities of curriculum design and evaluation.

A BOS was formed for the M.Sc. Computer Science course which commenced in this academic year and the curriculum was developed and implemented.

A set of seven DVDs on Mathematics prepared by EMRC, Kolkata, for national broadcast under CLASSROOM programme, was used to augment classroom teaching in Mathematics department.

Student seminars were held regularly. Students were divided in small groups. Each group interacted under the supervision of a staff member to prepare and present a suitable topic in their respective subjects to a gathering of staff and students. The objective of these seminars was to train students to think independently and to develop their public speaking skills.

The department of Journalism started regular visits for students to newspaper houses and television channels to facilitate better understanding of practical journalism. The department also introduced lessons on the 'QuarkXpress' publishing software.

4. Inter-disciplinary programmes started.

The Department of Political Science, St. Xavier's College, Kolkata in collaboration with Peace Works Programme, Seagull Foundation for the Arts, organized a Talk by Tariq Ali on : 'Democracy or Dictatorship of Capital' on 20th January, 2006 for faculty and students of all disciplines at St. Xavier's College Auditorium, Kolkata

5. Examination Reforms implemented.

As a result of autonomy, steps to establish the Controller of Examinations office were taken. The new evaluation system were also formulated. Some of the important factors which were considered were:

- Semester and paper wise marks distribution
- Introduction of internal assessment as a component of evaluation
- Examination system and procedure
- Panel of examiners, paper setters and moderators
- Mechanism for grievance redressal

For the M.Sc. Computer Science course which commenced in this academic year, Continuous Internal Assessment was introduced for the first time. The semester examinations of M.Sc. Comp.Sc. were successfully completed and the results were published in due course.

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

Not Applicable.

7. Initiative towards faculty development programme

Three teachers attended refresher courses in the academic session 2005-06.

Seminars, workshops, symposiums, confluence and faculty enrichment programmes were conducted individually by the departments in collaboration with external institutions and societies.

8. Total number of seminars and workshops conducted

Number of seminars & Lectures: 13

Number of departmental programmes: 16

See **Annexure-I** for details.

9. Research Projects: a) Ongoing; b) Completed.

a) Ongoing Research Projects :

- Dr. Subhankar Ghosh, Dept of Physics – UGC
- Mrs. Ratna Mukherjee, Dept of Hindi – UGC
- Dr. A.P. Mondal, Dept of Commerce – UGC
- Dr. Sampa Chakraborty, Dept of Physics – GOI DST

b) Research Projects Completed:

- Dr. Tapati Dutta, Dept of Physics – “Study Of Rheology, Adhesion And Viscous Fingering In Soft Matter”, DST – Major
- Dr. Subhankar Ghosh, Dept of Physics – “Synthesis of Nanocrystalline zinc oxide with suitable dopants for various applications” – UGC

10. Patents Generated, if any.

Not applicable.

11. New Collaborative research programmes

Collaboration with the Bose Institute, a renowned Research Institute, was finalized to offer M.Sc. Physics with specialization in Astrophysics and Space Science, at St. Xavier’s College (Autonomous). Since the College had an Observatory, the association also opened up possibilities of various research ventures in the field of astronomy.

12. Research grants received from various agencies.

During the period July 2005 to June 2006, the research grants received were as follows.

SL. NO	Date of project	Funding Authority	Nature	Amount	Completed/ongoing	Name of Teacher and Dept.
1	2005-06	UGC	MRP	Rs. 40,000/-	Ongoing	Dr. A.P. Mondal Commerce Department
2	2005-06	UGC	MRP	Rs. 77,500/-	Ongoing	Dr. Ratna Mukherjee Hindi Department.
3	2005-06	GOI-DST	-	Rs. 4,50,000/-	Ongoing	Dr. Sampa Chakraborty Physics Department
4	2005-06	UGC	Travel Scheme	Rs. 37,959/-	--	Mrs. Madhuja Mukeherjee MCVV Department

13. Details of Research Scholars.

One part time research scholar for M.Phil in Micro-Biology department.

14. Citation index of faculty members and impact factor.

The faculty members were actively involved in research work and as a result, had published many research papers and articles in journals, magazines, newspapers etc.

See **Annexure-II** for details

15. Honors/Awards to the faculty: National and International

- Dr. Argha Banerjee received Commonwealth Scholarship Award by the Commonwealth Scholarship Commission in the United Kingdom, following initial selection and nomination made by the Ministry of Human Resources Development, India. Tenure of Award: 2004-2007 Department of English, University of Sussex, United Kingdom.
- Fr. Felix Raj, SJ, won the 'Mother Teresa Millennium Award' by Mother Teresa International Award Committee (24th June, 2006) for his long and continuous contribution to outreach activities.
- Dr. Subhankar Ghosh of the Physics department was invited as an expert to Bangalore for a special workshop on Physics.
- Dr. Abhijit Bhattacharya was invited as an expert to an International meet on Astronomy in Bangkok.
- Dr. Ananda Dasgupta was invited as an expert to a seminar cum workshop for preparing curriculum for advanced teaching in Physics in New Delhi.
- Fr. Felix Raj, SJ attended the meeting of the International Economics Association in Morocco followed by participation in IEA World Congress in Spain.
- Prof. S.K. Basu was requisitioned by the Dept. of Panchayat and Rural Development, Govt of West Bengal, as coordinator on Finance Management and Resource Mobilization issues for a Project financed by DFID, UK, for a period of 2 yrs starting 1st February 2006.

16. Internal Resources Generated:

Internal resources generated during the year amounted to Rs. 1,20,02,469/-

17. Details of departments getting assistance/recognition under SAP, COSIST (ASSIST)/DST, FIST, and other programmes :

No such assistance was received during the year 2005-06.

18. Community Services:

- I. **The department of Social Work & National Service Scheme:** The primary objective of the department was to reach out to the underprivileged and marginalized sections of society and bring about a desired change in the present scenario. It brought the students together to work for a greater cause and aimed to create a sense of social awareness amongst them. It established a constructive linkage between the campus and the community at large. Through its activities, the NSS endeavored to fulfill the vision and mission of the college, 'to create men and women for others'. The primary activities held in 2005 – 06 are as follows:

- a. **WORKSHOP ON CHILD RIGHTS AND HIV/AIDS AWARENES** : 5 students attended a 2 day workshop at Shivnath Shastri College in collaboration with the NGO Prayasam, and UNICEF in the month of July, 2005.
- b. **BLOOD DONATION CAMP** : 491 donors donated blood and about 75 students were involved in organizing the camp in the month of August, 2005.
- c. **PAIKHALA EXPOSURE TRIP** : A one Day trip was organized in August, 2005 for 40 students of various departments to expose the students to the adopted village.
- d. **INDEPENDENCE DAY AT PAIKHALA** : About 20 students celebrated Independence Day with the people of Paikhala on 15th August promoting Communal Harmony.
- e. **PROTEST AGAINST ABUSE OF CHILD DOMESTIC WORKERS** : One week was devoted to this campaign from 29th August to 3rd September, 2005 in which activities like street plays, poster competitions, etc were organized in the campus. More than 50 students were involved in the campaign wearing black bands for a week to support the cause.
- f. **PUJA CAMP AT PAIKHALA** : 35 volunteers camped in the month of October at Paikhala for 10 days conducting a Health Check Up camp in collaboration with SXCCAA, followed by activities and workshops for children and painting the school building.
- g. **PRESIDENCY CORRECTIONAL HOME – NEW CLOTHES WERE DONATED BY NSS** : The volunteers bought new clothes in the month of October, 2005 for the children of Presidential Correctional Home and gifted to them before the Pujas.
- h. **SHISHU MELA – I & II** : Shishu Mela phase I was organized for 600 children from the city who were brought to the campus for a full day. About 120 volunteers conducted various activities like stall games, sports, drawing competitions etc. They were provided breakfast, lunch and evening snacks. Phase II was conducted at Paikhala where similar activities were organized for the village children. Both the Melas were organized in the month of December, 2005.
- i. **SLUM DEVELOPMENT PROJECT** : A survey was conducted in the slums situated around the college and children were identified who needed help in their studies. In January 2006 a group of 40 children attended the evening classes which were held between 4 to 6 p.m. daily with about 15 volunteers per day.
- j. **DISTRIBUTION OF BLOOD CARDS TO THAKURPUKUR CANCER HOSPITAL** : A visit to the cancer hospital was made in the month of January, 2006 and blood cards were distributed among the children suffering from cancer who required regular blood transfusion.
- k. **PRAYAS – THE ONE RUPPEE PROJECT WAS LAUNCHED** : Rev. Fr. Felix Raj, SJ. VP of B. Com. Morning launched the Prayas project with the Class Representatives of the B.Com. department. The two villages of Gurap and Pandua were adopted in the month of January, 2006.
- l. **REGULAR PROGRAMME OF VILLAGE VISITS:**
 - i. **WOMEN’S DAY IN COLLABORATION WITH AICUF WITH THOUGHTSHOP FOUNDATION – A seminar was organized in the month of March, 2006** in the college for more than 50 students who was lead into the “We Can campaign”.
 - ii. **AT PAIKHALA** - One group of 30 volunteers went to Paikhala to celebrate Women’s Day in the same month with the women’s group. A rally was taken out on the occasion and the day ended with a cultural programme.
- m. **SPOKEN ENGLISH SESSION AT RAGHABPUR** : Two students stayed at Ragavpur school hostel for three days and conducted a spoken English camp for the high school students in the month of May, 2006
- n. **CAMP TO ANTARAGRAM** : About 20 students spent 9 days at Antara – A hospital for the mentally ill and chemically dependent patients. They conducted occupational therapy classes for the patients and had a good learning experience about mental health.
- o. **PUBLICATIONS** : NSS BUZZ & KADAM – ANNUAL REPORT

II. ONGOING PROJECTS THROUGHOUT THE YEAR

- a. **SLUM DEVELOPMENT PROJECT** – About 50 children from the neighborhood slums came to the campus 5 days in the week from 4 – 6 p.m. 10 to 12 students per day helped them with mathematics, English and the vernaculars.

- b. **IICP** – Small groups of students especially from the BBA and B.com departments attended the Indian Institute of Cerebral Palsy every day to help the children with their daily works.
- c. **Prem Daan** – Every Sunday small groups of students visited Prem Daan and helped the inmates with their work which included washing their clothes, cleaning the wards etc.
- d. **Lawrence D’Souza Home** – Small groups went to this old age home to spend time with the senior citizens. They also organized Christmas party for the inmates.
- e. **Asha Niketan** – Small groups went to Asha Niketan to help the mentally challenged children twice a week.
- f. **Sunday Visits** – Every Sunday 15 to 20 volunteers visited the operating villages and helped the children with various subjects.
- g. **Collaboration with KMC** – The department collaborated with KMC and launched a mass campaign in wards 63 & 64 on polio awareness.

19. Teachers and Officers newly recruited.

During July 2005 to June 2006 the total number of teachers and staff recruited were as follows:

Full-time Teachers :	13
Part-time Teachers:	17
Support staff:	3

20. Teaching & non-teaching ratio

During 2005-06, the teaching and non-teaching staff ratio was- 1:0.38

21.Improvements in the library services

New Implementations during 2005-06:

The college had eight departmental libraries and five other libraries as listed below:

1. Arts & Science lending library
2. B.Com lending library
3. Eco, Pol. Sc. & Sociology lending library
4. Arts & Science reading room
5. B.Com reading room

The first three libraries were only for book lending purposes. Students had to search through a manual catalogue to find a particular book. In order to borrow a book they had to write its call number on a slip and submit the same at the lending counter in the forenoon. The book was issued to them in the afternoon subject to availability. If the book was not on shelf, the book slip was sent back to them with a “Not Found” tag.

The Arts and Science Lending Library housed a very good collection of books on English Literature. The students and faculty members of the college regularly borrowed books from this library. Students and research scholars from outside, regularly visited this library. The honours students of science discipline (Physics, Chemistry, Mathematics, Statistics, Microbiology, Computer science) borrowed books mainly from the respective departmental libraries. They visited these libraries to borrow books related to pass subjects. Besides subject-related text books, there was a fine collection of reference books. The fiction section met the demands of students and staff members of the college.

The Eco-Pol Sc-Sociology Lending library had a good collection of books on the Social Sciences (Economics, Sociology and Political Science). Mainly texts books were available here, though some standard reference books were also there. The B.Com lending library was basically meant for standard text books on Commerce. There were two reading room libraries in the college. The students of B.Com department used the B.Com reading room, and the Arts and Science Reading Room was for the students of BA and B.Sc courses only.

The libraries of our College housed a treasury of very old printed documents, amassed through the donation of books by provincial governments and European missionaries in the 19th century. The subjects covered by this collection range from the philosophy of eminent eighteenth-century thinkers to historical

accounts, the philosophy of science, religious scriptures, and so on. Over time, this documentary heritage suffered decay that threatened to be irreversible and which would have been a cultural loss of national proportions for India.

A project was planned to preserve and digitize rare documents of the College libraries. Physical conservation would be carried out on 52 volumes of rare books comprising more than 30,000 pages in the first phase. The preservation process would include the processes of fumigation, de-acidification and tissue lamination. The preservation and digitization of a further 52 volumes of rare books and 99 rare paintings would also be carried out digitally. To preserve the end product a set of CD-ROMs and/or DVD-ROMs would be published. The process of selecting rare and precious books from a scholarly point of view was begun. A comprehensive list containing bibliographic details of the selected rare books would be prepared and preserved for the library archive.

An exhibition of rare documents along with their digitized versions was also planned.

The process of selecting scholarly journals on various subjects was in full swing. The faculty members were involved in process of selection of scholarly journals for the library. The College planned to subscribe popular magazines covering various areas of science and the social sciences, including, for example :

- Science
- Science news
- New Scientist
- Sky and Telescope
- Natural History
- Science Reporter
- Astronomy
- Technology Review
- Scientific American
-and many more

An action plan was taken to procure ready reference tools like Encyclopedia Britannica (DVD-ROM), The Statesman Year Book; International Who's Who, Walford Guide to Reference Material, Land and People and some other subject-based reference tools.

22. New books/journals subscribed and their value

During the year 2005-06, the total expenditure on books & journals was Rs.8,31,882/-.

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

The Vice-Principals personally collected feedbacks from the HODs, colleagues and randomly from students to assess the performance of the faculty, particularly that of the newly appointed staff. In cases, where it was judged necessary, formal feedback from students was taken for faculty evaluation.

The departments took students' feedback during periodic meetings in each class and also from the faculty members. During the discussion, proportionate coverage of the syllabus w.r.t. the teaching hours (spent up to the point of time), difficulties faced by the students in following the class lectures, the pace of coverage of subject matter etc. were discussed in details.

24. Feedback from stakeholders

Feedback was obtained from the students at the departmental level. This was considered at length by the department for making necessary changes/improvements in the teaching-learning process. Also, the HODs had regular interaction with the students to understand their needs and to take their feedback. The views of the students were discussed with the VPs to take remedial measures.

The VPs and deans had personal meetings with the parents of the weaker students to discuss the performance of their wards. At these meetings, feedbacks were also obtained from the parents/guardians.

The feedback from the teaching faculty was taken from the respective sub-council meetings and also from the Teachers' Council Meetings. The Teachers' Council acted as an open forum for the exchange of views between the administration and the teachers. The meetings were chaired by the Principal and attended by the Vice-principals and the teachers of the College.

The College had a long tradition of family spirit and to keep up to this spirit, the birthday of both teaching and non-teaching staff were celebrated once a month. The Principal made it a point to attend those celebrations and took this as an opportunity to communicate important information to the staff and it also acted as a platform to take feedback from them. Moreover, there were separate teachers' and non-teaching staff association which communicated their feedbacks to the Principal through their representatives.

The feedback from the alumni were taken in the alumni association meetings. Every Friday evening was celebrated as fellowship day and on those evenings the alumni/ae members came together in the college campus. The Principal also attended these meetings, which acted as a platform to obtain the views of the alumni/ae on the development and the future of the College.

25. Unit cost of Education. Ratio of total number of students and total fees paid by students:

Self-financing Courses : Rs. 18,598.00 p.a.

Non Self-financing Courses : Rs. 2,492.00 p.a.

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

- For the better functioning and integration of accounts and financial information new software, namely Tally and Exactly Gold, was introduced in the Treasurer's Office.
- For the student information system, the new software were implemented from the current academic session which catering to the information needs related to all academic functions including attendance and examination performance.
- Fully fledged online applications were successfully introduced for admission to all UG courses through the internet. Perhaps, St. Xavier's College was the first college to introduce such an advanced and technology-enabled application process at the UG level. For the PG Computer Science course also the application form could be downloaded from the college website.

27. Increase in the infrastructural facilities

- The M.Sc. Computer Science department was set up with one class room, one computer laboratory and one staff room on the fourth floor.
- The new wing on the fourth floor was completed with about 4000 sq.ft of space to accommodate the MCVV department.
- A state-of-the art studio with modern facilities and the latest technology was set up for the MCVV dept.
- The editing studio was also set up for the MCVV dept.

28. Technology Up gradation

- M.Sc. Computer Science Lab was setup with state-of-the-art latest IBM desktops and server.
- Wireless network was introduced in M.Sc. Computer Science lab and in the Treasurer's Office.
- Latest software – ORACLE, LINUX, QuarkXpress and Mathematica were procured for various departments.
- Apple computers with the latest editing equipments were set up in the MCVV dept.

29. Computer and internet access and training to teachers, non-teaching staff and Students:

- Internet Leased Line of 1Mbps through RF.
- Individual computers and printers for all offices.
- More departments provided with computers and printers.
- Certificate and Diploma courses for students under the Computer Centre.
- Teacher training programs on computers and the latest technology.
- Cyber Room for internet access for students.

30. Financial aid to students.

The total amount of financial aid provided to students in the form of fee concession through scholarship/stipend fund was Rs.5,96,544/-

31. Activities and support from the Alumni Association.

FELLOWSHIP ACTIVITIES

- TEACHER'S DAY - September 5, 2005
- ANNUAL TEA MEET - September 24, 2005
- CHRISTMAS DAY CELEBRATIONS - December 25, 2005
- PICNIC - January 22, 2006
- "SANGAM" - ANNUAL REUNION DINNER - February 4, 2006

NETWORKING: A record number of 300 new members enrolled during this year raising the membership count to over 2000.

"SXCCAA" - YAHOO GROUP: The Xaverian internet-community on Yahoo groups with over 300 alumni/alumnae as members was a platform of exchange of ideas and information.

WEBSITE: Re-launch of the interactive website of the Association. This website with an entirely new look and fresh outlook would help alumni spread across the globe to be in touch with their Association and in-turn with their Alma Mater.

FRIDAY FELLOWSHIP: Room # 5 on Fridays evenings were bustling with alumni members who meet over a cup of tea, samosas and biscuits to share their experiences. It was heartening to see the ever increase in numbers and the bonding that permeated the realms of fellowship.

SINGAPORE CHAPTER - LAUNCHED ON August 14, 2005: The first International Chapter of the Association took off in Singapore to bring together more Xaverians. The Singapore Chapter created a scholarship Fund of Rs. 81,000 with contributions from their various members. They also made a commitment to contribute generously towards the various projects of the College.

WEST ZONE CHAPTER - LAUNCHED ON April 15, 2006: The West Zone Chapter of the Association was launched in Mumbai. The launch witnessed a large gathering of over 250 alumni members A souvenir was specially taken out on this occasion. Mr. Sanjiv Agarwal of Fairfest Media contributed Rs. 51,000 for the needy students of our college.

WUJA / JAAI / NZC : SXCCAA was the only association in the country, which had representatives in all the three bodies namely: WUJA, JAAI and NZC. K. K. Kanoi was a board member of the World Union of Jesuit Alumni/ae. Naresh Gupta was the Vice President of the Jesuit Alumni/ae Associations of India and Jeetu Rampuria was the board member of the Northern Zonal Council. The association hosted the Zonal meeting at Calcutta on 18th June 2006, which was attended by representatives from Patna, Jamshedpur, Raghobpur and Calcutta.

PHILANTHROPIC ACTIVITIES: SXCCAA has been a forerunner in organizing Philanthropic activities. Besides some one-time activities, our ongoing projects were faithful to our cause. Some of the efforts are:

LANSDOWNE MEDICAL CENTER: A free medical centre in collaboration with Red Cross Society of India, to cater to the medical needs of the poor in and around the locality. Some activities of the centre are as follows:

- a) Eye Camp
- b) Mother & Child Camp which also facilitated free distribution of medicines
- c) A day out to the Zoo for the Children of the nearby slums
- d) A sit and draw competition for the Children of the nearby slums
- e) Free Blanket distribution to the needy of the area

PAIKHALA PROJECT: Paikhala, a hamlet of over 250 underprivileged families in 24 Parganas (South), which had been adopted by the NSS students of the College, was a focus area of the

association. A Health Check Up Camp was organized at the Village. Over 190 patients were checked and free medicines were distributed at this Camp.

DASGHARA PROJECT: The association organized a trip to the Bibekanand Bose Memorial School for Ivan Hammonds, a long-time benefactor of the Dasghara Project. The school building, erected by the association, was completed and the primary section was now in operation. The association members interacted on a regular basis with the School administration and the locals to ensure the smooth functioning of the school. An alumnus, Sharad Jhunjhunwala had generously donated towards the books for the students.

KUFTA: SXCCAA had contributed Rs 2 lacs to the survivors of the Tsunami tragedy. It was hoped that the pioneering effort to bring together 60 schools and colleges of Kolkata under one banner "Kolkatans United for Tsunami Aid" (KUFTA) continued its good work. The body was now re-christened "Kolkatans United For Aid to the Needy (KUFAN).

EVENTS

AJAY AGARWAL MOTIVATION SESSION - September 9, 2005 : Alumnus Ajay Agarwal, HR Consultant, held a motivation session for our Association members. He covered aspects of Time Management, Investing in yourself, and aspects like accepting change yet not losing one's identity. The session was truly motivating and thought provoking.

ARVIND AGARWALA INTERACTIVE SESSION - September 23, 2005: An interactive session was held with alumnus Arvind Agarwalla, CEO - FACT, wherein he laid stress on the need for networking and our numerical strength. He also laid stress on a vibrant website which would be useful for all alumni both in India and abroad. Our members discussed at length the changing scenario of the College and the Alumni Association.

UN 60th ANNIVERSARY CELEBRATION - October 23 & 26, 2005: UN completed 60 years of existence and on this occasion we organized an Inter College Debate in the College Auditorium on 26th October, along with the help of West Bengal Federation of United Nations Association (WEBFUNA) and Rotary International District 3290. This Debate was attended by College students, Teachers, Professors, Members of WEBFUNA, Rotary Members, Senior politicians and IAS & IPS officers. SXCCAA members also participated in the peace walk organized on this occasion on October 23, 2005.

BEYOND BARRIERS - December 23, 2005: Kunal Ganjawala and Vasundhara Das mesmerised the audiences at the annual musical programme Beyond Barriers VII. SXCCAA contributed a princely sum of Rs 15 lacs from the proceeds of the show towards the Second Campus of the College.

VALEDICTORY FUNCTION - January 16, 2006: The outgoing final year students were given a ceremonious farewell in a function presided over by our President Rev. Fr. P.C. Mathew S.J. with Mr. R. S. Pillai, chairman of the UGC as chief guest. Convener Deepak Bajaj along with alumni members Manoj Jain, Vinay Binani and student member Peter Natale organized tea and refreshments for over 1200 students, teaching and non-teaching staff and alumni members who attended the programme.

KOLKATA MARATHON - February 19, 2006: The Kolkata Marathon organized by The Telegraph was attended by 20 alumni members.

INTER-ALUMNI CRICKET MATCH - February 26, 2006: The association organized an Inter-Alumni Cricket Match with alumni teams from 3 other schools participating namely St. Joseph's College, St. James School and St. Augustine's School. St. James School Old Boys Association won the tournament. A sumptuous lunch was organized on the occasion for all present.

FR. JORIS MEMORIAL NIHIL ULTRA DEBATE - March 18, 2006: The topic of the debate was "In the opinion of the House, Sting Operations must be banned" with the Xaverian side, for the motion and the Media opposing the motion. This well attended debate was not only thought provoking but also displayed exemplary skills of wit and humor. An overwhelming majority defeated the motion. The notable attendance with a completely packed house appreciated the arguments of the evening from both the sides.

32. Activities and support from the Parent-Teacher Association

As many of our alumni/ae are the parents of present students, the alumni/ae association acts as a medium to obtain feedback and also to make them aware of their wards' progress. The Vice Principals met the parents to get the feedback and also informed them on their wards progress.

33. Health Services

- Basic first-aid facilities were provided by the Social Service Department of St. Xavier's College.
- The Infirmary, provided with rooms with proper beds, wheel-chairs, oxygen, ambulance, stretcher and basic medicines, was maintained. Qualified doctors along with full-time nurse, compounder, ayahs, etc. were on call.
- In case of emergency, links had been made with nearby hospitals and nursing homes like Mission of Mercy and Lifeline.

34. Performance in sports activities (2005-06)

- 16 Students represented Calcutta University in various sports
- A. Chaudhary represented Calcutta University in Cricket for an Australian tour.
- Deep Sengupta emerged Grandmaster in chess.
- The Hockey Team was Runners Up in the Kaivan Cup and placed second in BHA League
- There were 15 Inter departmental tournaments for both men and women.
- Inter Departmental Cricket saw a record of 34 teams participating.
- The Department organized the Annual Staff Cricket Match on 7th Feb 06.
- The SXC Sports department contributed successfully to Xavotsav.
- The SXC Table Tennis Team won the CU Inter College Men's Tournament and the Runners up Trophy went to the Women's Team.
- The Xaverian Basketball teams for Men and Women participated in West Bengal Basketball Association League Knock out and State Championship.
- The College Contingent participated in the IIT Kanpur Sports Festival and won the Men's Basketball Event.

35. Incentives to outstanding sportspersons

Students participating and winning in various sports activities were rewarded with certificates, trophies and medals on Sports Day and also the outstanding performers were specially awarded during the valedictory ceremony on January 16th, 2006. The TA and other expenses of the sports persons were borne by the college during their participation in sports and games.

36. Student Achievement & Awards.

Students with outstanding academic records were awarded during the Valedictory Function on 16th January 2006. Various memorial prizes and gold medals were also awarded to students on the Valedictory day.

In December 2005, a team of students from the Economics department went to St. Stephen's College, Delhi to participate in a National Economics meet. They were placed First in "Budding Economist", Second in "Paper Presentation" and also Second in the Debate.

Students of various departments took up higher studies and were selected to the reputed institutes.

- 10 students went to DSE
- 4 students went to ISI
- 3 students went to IIMs
- 3 students went to XLRI
- 1 student went to IIFT

- 2 students went to FMS

The Students of the Political Science Department, St. Xavier's College, presented papers at the seminar on 'Globalization – Trends and Transformation' - organized by the Department of Political Science, Loreto College, Kolkata, on Nov 30, 2005.

A student of Sociology was University second rank-holder in Part I Honours examinations.

Some of the students of the Mathematics department took part in the NBHM sponsored Mathematics Training and Talent Search Programme.

Students of the third year with Honours in English had participated in the CSRL Quiz organized by Jadavpur University and secured the runners up position in 2005.

37. Activities of the Guidance and Counseling unit

The counseling unit in the College, with one full-time qualified and trained counsellor, namely, Mrs. Ujjainee Ray, regularly addressed the problems of the students and was successful in helping the students at a personal and emotional level. At the beginning of the academic session, the counsellor visited each classroom to interact with the students and make them aware of the presence of the counseling facilities.

38. Placement services provided to students

The Placement Cell of the College was very active and was successful in organizing various on campus placement in renowned organizations. Many companies visited the college for campus interviews. The names of some of these companies were:

Sl. No.	Company Name	No of students recruited
1.	3Global Service Hutch	23
2.	AFL Cargo LTD.	2
3.	BLUE DART	1
4.	COGNIZANT TECHNOLOGY SOLUTIONS	5
5.	CTS	4
6.	DE Shaw Software	3
7.	FROST & SULLIVAN	18
8.	GE Countrywide	31
9.	GECIS	6
10.	GHF FINANCIAL	7
11.	GOOGLE	5
12.	Hwelett Packard	38
13.	IFB Agro	2
14.	iGate Global Solutions Ltd.	8
15.	McKinsey Knowledge Centre	8
16.	SBI PO	4
17.	WIPRO TECHNOLOGIES	12
18.	WIPRO TECHNOLOGY	3
	Total	180

In addition to on campus placements, the placement cell also help the students to obtain suitable placements in various renowned organizations.

39. Development Programmes for non-teaching staff

To keep up with the long tradition of compassion and family spirit, financial assistance was provided to two non-teaching staff for their medical treatment and open heart surgery.

The proposal to introduce health insurance for the non-teaching staff was approved by the Governing Body and was expected to be introduced soon in consultation with the staff members.

The non-teaching staffs\ were provided with tiffin allowance from the College fund.

The College organized a picnic for the Non Teaching Staff giving them opportunity to come together as one family and interact with their colleagues in the other departments.

40. Good Practices of the Institution

Academic level:

- Innovative culture with readiness to take risk in experimenting: The SXC staff were innovative in their efforts in taking initiative in the introduction of new relevant courses, and proposing the revision of existing syllabi and the inclusion of innovative practices in the curriculum.
- Hard and Honest work culture... free of all politics on the campus. The dedicated staff were always at the service of the students and contributing to the development of the college.
- With Autonomy, negotiations were on for twinning and exchange programmes.
- There was a good culture of research and publication.
- There was a good interaction between the industry and academia interaction which would now be strengthened with autonomy.
- Personal attention to students, proper care for weaker students and challenging avenues for smarter students.

Administrative level

- Delegation of authority at different levels. The Principal made sure that policies were implemented collectively with the Vice Principals and with the assistance of Deans, HODs and various committees.
- All major decisions were taken after due consultation of different structures...including students wherever needed. The administration and the staff valued cooperation and unity, and strived to maintain it.
- Quality in selecting for admission went beyond academic and extended to sports, games, the arts, music, dance, the NCC, social work etc.
- Culture of Accountability was assiduously encouraged: the staff were open to the feed back of students and to the suggestions of the authorities.
- In the selection of staff, academics, quality and ability to communicate were the sole criterion employed.

Infrastructure:

- The shortage of space had been partially solved with the creation of more space in the existing building, which had helped in providing laboratories with state of the art facilities, auditoriums and class rooms with multimedia facilities.
- Adequate sports and co curricular facilities were also provided.
- Well maintained and upgraded infrastructure.

Human and value based:

- Uplifting and financial assistance to the weaker section of the society. Bodies like NSS, AICUF, and LTS were active in various extension and outreach programs. Extension work in slums and villages, adopting an impoverished village.
- Short courses and lectures were regularly organized on topics related to religion, culture and human values in general.
- Visits to villages and socio-economic analysis were a yearly exercise for the departments of Sociology, Political Science, Economics and BBA.
- A very active and committed alumni/ae (Association) being nurtured was part of the healthy heritage of the college.
- Celebrations of occasions of importance - Teachers' Day, Independence Day and Republic Day was always practiced by the institution.

41. Linkages developed with National / International, academic/research bodies.

MOU with Vedika Software for Computerized accounting & financial Decision-making course using FACT.

42. Action Taken Report on the AQAR of the previous year

- The College applied for autonomy and the autonomy inspection by a team of experts from the UGC was carried out in February 2006. The College was granted autonomy in March 2006, for a period of six years from the academic session 2006-2007.
- The college also applied for the status of “College with Potential for Excellence” and was awarded the same in the May, 2006.
- Various Boards of Studies were formed as per the statute for autonomous colleges.
- The new courses – B.Sc. Honours in Microbiology and M.Sc. In Computer Science were started. The necessary staff and infrastructure for the above courses were duly provided.
- Five certificate and diploma courses were launched under the career-oriented programmes and all the requirements for these courses were fulfilled. Prof. Asish Mitra was appointed the co-ordinator for these courses. The admission procedure for these courses were completed in June 2006. The courses commenced from July 2006.
- LCD projectors, computers, laptops and other teaching aids were provided to enhance technology enabled teaching-learning process.
- The departments organized several department level programmes for the students and staff. The EDC organized entrepreneurship awareness camps to encourage entrepreneurship among the students.
- The automatic electric bell developed by the department of Computer Science was implemented and it operated successfully.
- Plans and sanctions for the new building along with the staff quarters were obtained from the Governing body and construction work was initiated.
- More space was created within the main building of the College by completing the extension of the roof and mezzanine floor in the chemistry lab. The MCVV department and the physics lab were shifted to the new locations.
- Efforts and initiatives were taken to shift the bank to a new location. However, in view of the new building, it was decided that the bank would be shifted to the new building.
- Several infrastructural enhancements and up gradations were done in terms of equipment, ICT, laboratories, classrooms, the library etc.
- The College recruited 13 full time teachers, 17 part-time teachers and 3 support staff to meet the demand of more staff in view of the new courses.
- The total amount of internal resources generated was Rs. 1,20,02,469/-
- Extension and outreach activities were strengthened with adoption of villages and the various activities of NSS and AICUF.

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

- Xavotsav, the annual students’ fest was held to bring together thousands of students from various colleges to compete in various cultural activities.
- In keeping with the commitment towards staff welfare, special medical assistance was given to Mr. H.R. Sharma, Superintendent of Hostel and Mr. Pradip Biswas, Clerk in the day department for the treatment of their ailments.
- EMRC-SXC was declared the best EMRC by the UGC. As a token of appreciation and for encouragement of the staff a special felicitation and dinner was held on 6th October in the College.
- The alumni/ae association of the College extended its base on international soil with a new chapter in Singapore. Within the country, the West Zone Chapter was launched. Many Xaverians involved themselves enthusiastically and pledged towards the development of their alma mater.

SECTION: C

Outcomes achieved by the end of the year:

- The college obtained the status of an autonomous institution and a CPE and all the staff, students and other stakeholders embraced these achievements with great pleasure and appreciation.
- The preparations for the inauguration of autonomy were completed and the College was ready to start the courses from the new academic session.
- Our vision and mission statement was spelt out clearly and printed in the college calendar.
- The expansion of the philanthropic activities of St. Xavier's College – more villages adopted.
- New UG, PG and career-oriented programmes introduced.
- Introduction of Accounts and Finance specialization, Marketing specialization in B.Com.
- The Placement Cell was strengthened: apart from a full-time Co-coordinator, dedicated Professors and students of the college were also involved.
- More space and infrastructural facilities were provided.
- There was a remarkable improvement in research activities and this was reflected in the increased numbers of research projects and publications by the teachers.
- The base and activities of the alumni/ae association were extended with the opening of new chapters and the organization of various programs to raise funds for outreach and extension activities.

SECTION – D

Plans of St. Xavier's College for the year 2006-07.

- To successfully inaugurate and implement autonomy.
- To set up the Controller of Examinations office.
- To invite scholars and eminent personalities from the country and abroad for lectures and talks.
- To organize regular seminars, workshops and departmental programmes.
- Collaborations and exchange programs with national and international colleges, universities and research institutions.
- To introduce new UG, PG and career oriented courses.
- To strengthen the industry-academia tie-ups.
- To strengthen the relationship with stake-holders
- To move towards a more formal feedback and evaluation process.
- To strengthen the extension and outreach activities.
- To provide more space and better infrastructure for the teaching-learning-evaluation process and also for better administration.
- To generate sufficient funds for the present and future projects.
- To encourage more research activities among the staff and students.
- As an autonomous college, to apply for more funds and judiciously utilize the funds for the successful implementation of various plans and projects in the College.
- To plan for a ladies hostel.

Annexure-I

Seminars in 2005-06:

Sl.No.	Type of Program	Name of the Programme	Date(s)
1.	Seminar	Future Prospects of Microbiology	17-08-05
2.	Seminar	Modern Trends in Microbiology	16-09-05
3.	National Seminar	Pollution in Urban Industrial Environment	10-12-05 & 11-12-05
4.	Seminar	Autonomy - To understand the working of an autonomous college	10-06-06
5.	State level programme	Celebrating 50 years of 'Pather Panchali'	30-07-05
6.	National Seminar	Christian Contributions To Bengal – by The Goethals Indian Library And Research Society	22-01-06 and 23-01-06
7.	Seminar	Modern trends in Microbiology-4 th Chapter	October, 2006
8.	Seminar	Some problems on Data Mining – Dept. of Statistics	

Guest Lectures in 2005-06

Sl.No	Name of the Programme	Date(s)
1.	“Empowerment of Women in an Age of Globalization” by Ms. Subhasini Ali, President of the All India Democratic Women's Association.	October, 2005
2.	“Equivalence of Different Forms of Completeness Axioms in R” by Prof. M.N.Mukherjee (Dept. Of Pure Maths, Calcutta University)	10-08-05
3.	“Stereographic Projection” by Prof. B.Chakraborty(Dept. Of Pure Mathematics, Calcutta University)	09-09-05
4.	“An Introductory Account of Market Equilibrium” by Prof. Arkadeb Chatterjea (I.I.M., Kolkata)	20-12-05
5.	“Democracy or Dictatorship of Capital” by Tariq Ali, writer, journalist and film-maker.	20-01- 2006

Departmental Programs in 2005-06:

Dept. of Microbiology - Skill development and training on Science and Technology

Dept. of Mathematics:

- Prof. Arkadeb Chatterjea of IIM, Kolkata, delivered a lecture ‘Financial Mathematics’ to a gathering of Economics and Mathematics students and staff.
- Dept. of Mathematics organized summer classes in May-June for students of different schools who had appeared for class XII Board Examination to familiarize them with the abstract nature of Higher Mathematics which helped the students to make their career decisions.
- The Departmental staff with help and support of scholars and teachers of other Institutes ran the ‘Father Goreux Centre for higher Mathematics’. The Centre organized regular lectures and discussions on advanced topics of Mathematics and allied fields that were attended by students and staff of the Department and from outside.

Department of Hindi:

- “Hindi Literary Society” (HLS) organized ‘VIVIDHA’ an annual inter- college fest and invited members of ‘BLS’ and ‘XADAM’.
- ‘HLS’ organized ‘Kavya Avriti Pratiyogita’, an intra- college competition, in the month of August.
- ‘HLS’ organized an intra college competition on ‘creative writing’.

- 'HLS' celebrated 'Hindi Divas' on 14th September 2005.

Department of Sociology:

- **Village exposure programme:** The Department had initiated a village exposure programme for its general students in 1996. The Honours course was opened from July 2001. Since then the Village Trip has been a part of the curriculum. The students stayed with the villagers for one night and two days. They collected data on the different aspects of village life and were required to submit a full report on the data collected, their observations and experience.
- In 2006 a visit to Kakdwip was organized between 3rd and 5th March.
- With autonomy approaching, enrichment programmes were convened by the Department on 5th, 6th and 15th May 2006 for an in-depth discussion regarding the framing of a new syllabus and new methods of teaching. The external expert was Dr. Anjan Ghosh of CSSSC. The internal expert was Prof. Abhijit Mitra.
- Lecture on "Sociology: Its Methods of Inquiry" and an interactive session with students by Prof. Andre Beteille on 27th August 2005).
- Dissertation Seminar: From December 2005 the Department introduced two day long seminar on the dissertations done by the Honours students. The component of dissertation was introduced by the University from the 2003-04 academic session. The second dissertation seminar was organized in January 2006.

Department of English - organized a training session for students for all India entrance tests.

Department of Film Studies and MCVV – organized a lecture for the students and staff by Dr. Gezim Alpion, the University of Birmingham, UK entitled "Mother Teresa and the Media" on 1st July 2005.

The Entrepreneurship Development Cell:

- ENTREPRENEURSHIP AWARENESS CAMP (EAC)
- ENTREPRENEURSHIP DEVELOPMENT PROGRAMME (EDP) in collaboration with Shyamnagar Bio Lab Unit, Shyamnagar, North 24 parganas in 2005- 06.

Annexure-II

Publications by faculty members 2005-06:

Research papers and articles by faculty members:

Title	Name of Journal	Published by	Impact factor	Citation Index
The coastline and lake shores on a fractal island, P Blaudeck, S Seeger	J. Phys A: Math. Gen. 39, 1609 (2006)	C Schulzsky, K H Ho_Mann, T Dutta and S Tarafdar	1.577	
Fractal crack patterns in laponite films and their scaling behaviour	Fractals 14 (2006) 283-288	D Mal, S Sinha, T Dutta, S Mitra and S Tarafdar	0.674	
Effect of surface roughness on the bulk properties of simulated porous media	Physica A, 348, 236 (2005)	Dr. Tapati Dutta	1.643	8
Strangeness, cosmological cold dark matter and dark energy	J.Phys.G31:S857-S862,2005; IOP;	Dr. Shibaji Banerjee	2.173	
Condensation and evaporation on a randomly occupied square lattice: attracting and repelling particles	Proc. 9th World Multiconference on Systemics, cybernetics and informatics, July 10-13, 2005, at Orlando, Florida , pg 161	Dr. Tapati Dutta		
Simulation of sedimentary rocks by ballistic deposition	9th World multiconference on Systemics, cybernetics and informatics, July 10-13, 2005, at Orlando, Florida, pg 151	T Dutta, S Tarafdar		
"Budget 2006-07: An Educationist's View"	Indian Currents, 12 March, 2006, Delhi	Dr. Fr. J. Felix Raj, S.J		
"Jesuit Mission I - a Puzzle and a Model, and Jesuit Mission II – a Wholehearted Response to Multicultural Realities"	The Statesman, August 17 & 18, 2005, Kolkata.	Dr. Fr. J. Felix Raj, S.J		
"Brahmabandha Upadhyay - A Forgotten Prophet"	Indian Currents, August 21, 2005.	Dr. Fr. J. Felix Raj, S.J		
"A Mantra for Development - I"	Indian Currents, Pp. 26-31, 2 October, 2005, Delhi	Dr. Fr. J. Felix Raj, S.J		
"A new Mantra for Development II - Growth with Trust"	Indian Currents, Pp. 33-39, 9 October, 2005, Delhi.	Dr. Fr. J. Felix Raj, S.J		
Auditing and Accounting Standard	Conference Proceeding , ICAI, October 2005	Dr S Kr Basu		
Money Lending Risk in Financial System	Research Bulletin, ICWAI, July 2005	Dr S S Saha		
Economic Value Added	The Accounting World, ICFAI, August 2005	Dr S S Saha		

Reverse Book- Building	The Chartered Accountant, ICAI, November 2005	Dr S S Saha		
Economic Ideas in Artha Shastra	Vidya Jyoti VOL-69, No 7, Pg 514-522	Economics Department		
Bali-India Trade : Modern and future perspectives in growth,De poverty alleviation in Asia-Pacific edited	Nova Publishers	K.C.Roy & S.Chatterjee		
A flexible model for generalized linear regression with measurement error	The Annals of the Institute of Statistical Mathematics (Vol 58, No.1, pp 153-169)	Surupa Chakraborty (Roy)		
An alternative test for multivariate normality	Technical Report (No. 4) Department of Statistics, University of Calcutta	Kaustav Banerjee		
“Neo-liberalism, Globalization and developing economics”	Arthabeekshan	Dr. Fr. J. Felix Raj, S.J and BEA		
“A Keynes-Leontief-Klein type of framework of analyzing the economy of Sri Lanka”	Artha Beekshan, volume 14, no. 3 and 4, 71-79, joint issue of December 2005 and March 2006	Dr. P.P. Ghosh, jointly with Dr. Arpita Dhar and Dr. Debes Chakraborty of BEA		
“Macroeconomic analysis of shocks in a dual economy: A rational expectation approach”	Keio Economic Studies, Vol. 41, no. 2, 89-102, 2005	Dr. R.N Nag, jointly with Prof. Ishita Mukherjee and Prof. Jonaki Sengupta and Department of Economics, Keio University		
“Dual Economy interlinkage in a monetary economy : A post WTO perspective”	Journal of Economic Integration, Vol. 20, no. 3, 497-513, Sept. 2005	Dr. R.N. Nag, jointly with Prof. Bhaskar Goswami Sejong University, South Korea.		
Role of Non Aligned Movement in World Affairs	Jadavpur Journal of International Relations, Jadavpur University. 2005	Dr. Panchali Sen		
Conformally Flat Quasi-Einstein Space	Kyungpook Math J.46(2006), PP. 417-423	Prof. Diptiman Saha		
On a Type of Non-flat Riemannian Space	Aligarh Bulletin of Maths, Vol. 25, No.1(2006)	Prof. Diptiman Saha		
“Dismantling the other: Ngugiwa Thiongos Decolonising the Mind. The Politics of Languages in African Literature	Journal of the Department of English Special issue New Literature in English. University of Calcutta Vol XXXII, Nos. 1 & 2, 2005-06	University of Calcutta		

Books published by faculty members:

- *Effect of Interaction of heavy metals on pathogenic fungi of Oryza sativa L. Pollution in Urban Industrial Environment*”(Book),05, Allied Publishers Pvt.Ltd.
- *Uptake and subsequent displacement of lead in lead-tolerant fungal species from Kent, U.K., Applied Botany*(Book),05, Aavishkar Publishers, Rajasthan
- Mitra, A.K., Guha, S. and Chanda, S (2005) *A Text Book of Biology (Vol.II)*. Book Syndicate Pvt.Ltd. Pp.1379.
- Dutta, S., Rath, N.R and Mitra, A.K. (2005) *Jiban Bigyan for Tripura Board of Secondary Education. (Class IX)*. New Book Syndicate.Kolkata. Pp.211
- Mitra, A. K. (2006) *Perils of Urban Pollution*(Ed) St Xavier’s College, Kolkata, Pp.202.
- Maths : *A First Course in Linear Programming*—Dhrubajyoti Bhattacharya—Academic Publishers—ISBN 81-87504-83-8

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