



ST. XAVIER'S COLLEGE [AUTONOMOUS]

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Kolkata – 700016

SELF STUDY REPORT

(3rd Cycle)

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Submitted to:

National Assessment and Accreditation Council (NAAC)

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PREFACE

A host of seven Belgian Jesuits arrived at Calcutta in November 1859, under the leadership of Fr. H. Depelchin (Rector: 1860-1871), the Founding Father of the second St. Xavier's. They shifted St.Xavier's from Chowringhee to the Sans Souci Theatre in January 1860, which is now the honest home of learned professors and zealous students.

With one hundred and fifty six years of service to the nation, St. Xavier's College, Kolkata, has grown today into a leading educational institution in India. Both St. Xavier's School and College are proud of their contribution to the cause of education and culture in Bengal for 156 years. These twin institutions have produced many great educationists and students who earned regard and respect for their Alma Mater.

The National Assessment and Accreditation Council (NAAC) recognized St. Xavier's College as an "A" grade institution in 2003. In May 2006, it was declared a Centre with Potential for Excellence by the UGC. From July 2006, it became an autonomous college (the first in West Bengal). In November 2011, the college was assessed by NAAC as an Autonomous College and was awarded an A grade with CGPA 3.53 on 4.00 point scale.

St. Xavier's has over these 156 years remained steadfast and persevered in the midst of troubles and anxieties. Now with all the richness of the past, it embraces the future with the same spirit- "Nihil Ultra" (Nothing beyond). The College is devoted to the mission of forming young men and women of competence, commitment, conscience and compassion for the greater glory of God.

It is a great opportunity for the institution to apply for the third cycle of NAAC accreditation.



EXECUTIVE SUMMARY

St. Xavier's College, the first Autonomous College in the State of West Bengal is applying for the re-accreditation in its 3rd Cycle. Accredited by NAAC as a Grade 'A' College in 2003, re-accredited in 2011 with grade 'A', with a CGPA of 3.53 in the scale of 4, St. Xavier's College was granted the status of an Autonomous College in March 2006 and was conferred with the honour of 'College with Potential for Excellence' (CPE) in May 2006 by UGC. The College was conferred with the honour of 'College of Excellence' (CE) in April 2014.

St. Xavier's started functioning as an Autonomous College under the University of Calcutta from July 01, 2006. On that day, His Excellency, the then Governor of West Bengal and the Chancellor of the University of Calcutta, Shri Gopal Krishna Gandhi declared St. Xavier's College as an Autonomous College in a solemn function held in the College premises. The Autonomous status granted in 2006 offered the College an opportunity to bring innovation in teaching, learning, research, evaluation and extension services.

Principled on the motto "NIHIL ULTRA" meaning "NOTHING BEYOND" and with the vision to promote a society based on love, freedom, liberty, justice, equality and fraternity, St. Xavier's College aims to form young men and women of competence, commitment, compassion and conscience – men and women for others. This is the ideology of Jesuit Education. This enables the students to herald the social change – national and global.

The various advancements that have been carried out since the second re-accreditation of November 2011 are summed up briefly under the seven criteria.

The various thrusts of the College as presented in the seven criteria are:

- ✚ Quest for excellence – emphasis on quality education.
- ✚ Contributing to national development by forming men and women for others.
- ✚ Fostering and rewarding research.
- ✚ Fostering global competence among students.
- ✚ Promoting the use of technologies.
- ✚ Inculcating a value system among students.
- ✚ Promotion of a transparent and participatory governance.
- ✚ Ongoing promotion of new innovative practices to make the institution relevant in its mission as an agent of social transformation.



CRITERION I: CURRICULAR ASPECT

The College aims to inculcate the highest intellectual standards through rigorous academic commitment and discipline. Students are inspired to aspire to higher level of academic achievement by mastering the subjects they have chosen to study. These are in tune with the goals and objectives of the institution which are made available to its stakeholders through the College website, the College calendar and prospectus.

The College conducts various courses in three shifts. It offers a wide range of programmes providing adequate academic flexibility in the choice of core and ancillary options. In UG level there are 17 Honours courses and one B.A. General Course. Each Honours course of B.A. and B.Sc. has three ancillary options amongst which two are to be chosen. B.Com. and B.B.A. are integrated Honours courses with options for specialization in the final year.

Raghabpur Campus as part of vision 2020 – A significant achievement with regard to extension activities of St. Xavier's College (Autonomous) is the setting up of Raghabpur Campus. Raghabpur in South 24 Parganas, about 25 kms away from the main Park Street campus, caters primarily to the academic needs of the rural students. A sprawling green campus with the main building and other associated facilities, the Raghabpur campus offers courses in BA General, B. Com Honours and Bengali Honours to students since July 2014. Students of the Raghabpur Campus are integrally connected with diverse activities of the main campus as well as special programmes organized and held in Raghabpur campus itself. Another component of academic expansion in the Raghabpur campus is the introduction of the course in History Honours from July, 2015.

There are 5 Post Graduate (PG) degree courses and two integrated five year M.Sc. Biotechnology and Multimedia and Animation (with an exit option at the end of 3rd year) course. All courses are co-educational except for the B.Com. (Morning) which is only for boys. From July 2010, a Bachelor course in Multimedia with specialization in Animation (BMM) in the UG level and M.Sc. Microbiology course in the PG level have been introduced. In July 2006, the College had introduced five certificate courses and two diploma courses under Career Oriented Programme. As of now, 1 diploma (one year), 3 certificate courses and 5 post graduate diploma courses (One year) are being offered.

The Department of Performing Arts has been conducting a Certificate Course on Performing Arts since July 2011. The course initially consisted of two semesters and consisted of twice a week classes for the B. A./ B. Sc. students. The students were awarded certificates on successful completion of the course and 4 extracurricular credits. The Course was discontinued from July 2014-January 2015 due to renovation of the Jubilee Building rooftop. The Course was restructured into a six month certificate course and a 2 extracurricular credit course and commenced again from July 2015. A total of 22 students from B.A. / B.Sc./ BBA / B.Com have successfully completed the course in 2015.

Curriculum restructuring is a continuous process. The College has a Curriculum Restructuring Committee to oversee the process. While restructuring, feedback from all stakeholders are analyzed and appropriate actions are taken for improvement.



Through consultations with experts from academic and industrial domains, curriculum and relevance of the programmes and curriculum are ensured. Multi skill development programmes help in employability. Training through internships, project work, Career Oriented Programmes and participation in various society activities help to develop leadership skills and competence.

A major restructuring occurred in 2013, with Departments of BA and BSC introducing 18 papers in the Honours course with 6 ancillary papers for the students studying an Honours programme.

After every semester, the academic audit of each department is conducted by the respective Board of Studies (BOS) and the overall audit of the College is done by the Academic Council with the help of the external experts. At the end of three years, with feedback from stakeholders and the experience gained during the three years, the BOS of every department undertakes a thorough revision of the syllabi to make it contemporary and more relevant.

The College ensures participation of all students in extra and co-curricular activities through NSS, NCC, AICUF, LTS, Sports, various cultural and departmental societies and Extension Programmes. A student has to earn six non-academic credits to complete the under graduate degree courses (four non-academic credits with effect from July 2014), one of which has to be earned through social work in order to inculcate social awareness and commitment. Since July 2014 two-credit foundation courses have been introduced on inter-religious studies and personality development. The B. Ed. Course has two non-academic credits and two credits for inter-religious and Ignatian Pedagogy Paradigm (IPP).

	2 nd Cycle (ending on 30.06.2010)	Enhanced Components in the 3 rd Cycle (ending on 30.06. 2015)
Core curriculum	<ul style="list-style-type: none">» UG (Honours)- 13» BA (General)» PG - 4» PG (Integrated) - 1	<ul style="list-style-type: none">» UG (Honours) - 17» PG - 5» PG (Integrated) - 2» BA (General)» Bengali (H) in Park Street and Raghobpur Campus» BMM 4 years UG» MSC in Multimedia (Exit Option after 3 years of UG)» M. Sc. Microbiology
Curriculum development	<ul style="list-style-type: none">» The Boards of Studies are tasked, among other responsibilities, to deliberate on, and offer inputs and suggestions for overall curriculum development.» The Curriculum Restructuring Committee delivers its recommendations to the Boards of Studies for their informed comments and observations.	<ul style="list-style-type: none">» Restructuring of curriculum done in 2013, revised in 2014 after reviewing the performance of the students.» A Core Committee conducts monthly meetings to evaluate all aspects of Teaching-Learning.» The Principal meets the Vice Principals and Member Secretary, Academic Council



	<ul style="list-style-type: none"> » The Committee has met regularly to discuss their findings, formulate plans, float ideas and prepare a guideline for curriculum restructuring. » The college initiated a full-fledged curriculum development process in 2005 in view of autonomy. 	<p>every week to address all operational issues of the College.</p> <ul style="list-style-type: none"> » The process of Grafting of Marks.
Certificate and Diploma Courses (Career Oriented Courses)	5	1 diploma, 3 certificate courses, 2 Human Rights and Duties Education Courses, 5 Post graduate diploma courses. [Distance learning course (Convergence Scheme) discontinued by IGNOU]
Self Financed Courses	8	12
Curriculum flexibility	<ul style="list-style-type: none"> » The IGNOU convergence programme allows students to combine conventional and distance mode of education. » The BBA students are allowed to seek admission to the M.Com course. » UG courses are of 3 years duration with flexibility for completion within 5 years. PG courses are of two years duration with flexibility for completion within 4 years. 	Bengali Honours in Park Street and Raghapur campus, integrated Masters in Multimedia has been introduced to further the flexibility of curriculum. History Honours introduced in Raghapur Campus.
Feedback on curriculum	<ul style="list-style-type: none"> » Feedback on curriculum is obtained from: <ul style="list-style-type: none"> • Employers • Students • Parents • Alumni • Academic Peers » Feedback from all stake holders are analysed and appropriate actions are taken for improvement. 	<ul style="list-style-type: none"> » Students' Parliament, held once in every semester. » Students' feedback is analysed for the purpose of the Teaching-Learning, evaluation and infrastructural improvement. » Alumni feedback. » Online feedback.
Value Education	<ul style="list-style-type: none"> » Religion and moral class conducted once a week for all Christian students. (Semesters I and II). » BBA and B.Com. have a course on "Business Ethics". 	<ul style="list-style-type: none"> • Foundation course on inter Religious Studies and Personality Development. • Inter Religious Studies and IPP for B. Ed.



	<ul style="list-style-type: none">» Biotechnology has a course on “Bio Ethics”.» A two semester Environmental studies course is compulsory for all students to inculcate environmental awareness and citizen roles in community life.» NSS, AICUF, SC/ST Cells, LTS offer programmes in value education, social service and leadership training.	
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SWOC Analysis:Curricular Aspect

Strengths	Weaknesses
<ul style="list-style-type: none">» Student enrichment programme with the help of special lectures, workshops, seminars with external experts.» ICT enabled / Smart Classrooms.» Restructured curriculum accommodating global relevance of the academic dimensions of the courses.» Foundation course on Inter Religious Studies, Personality Development and IPP.» Credit Transfer for International Exchange Programmes.» Academic Extension Programme (Raghabpur Rural Campus)» Academic Collaboration and Exchanges.» Practical Learning through Internship programmes.	<ul style="list-style-type: none">» Student-teacher ratio needs improvement.
Opportunities	Challenges
<ul style="list-style-type: none">» Post graduate programmes of study for humanities department is imperative in order to properly utilize the teaching and research facility of an able faculty.» Further update of syllabus to meet more modern needs of students – next Syllabus revision due in 2017.» Upgrading library resources to meet new academic expansions.» Video conferencing for academictwinning.	<ul style="list-style-type: none">» Delivery of quality service and maintenance of the standard set in view of the increasing number of students.» Time and stress management.» Ensuring optimum utilisation of existing facilities (including ICT facilities).



CRITERION II: TEACHING, LEARNING AND EVALUATION

The College stands committed to make teaching and learning “Student-Centric” which makes the students to think, analyze, be independent, original and creative. Their individual needs are properly addressed. The College ensures the competence of staff and helps the faculty to develop continuously. It promotes social awareness among students leading to commitment and action and ensures a just and scientific evaluation process.

The admission process is online, complying with all the government norms pertaining to religious minority institutions. The College admits students of different backgrounds and with varying abilities – rich and poor, urban and rural, SC, ST, Minority and differently-abled students. There is no gender discrimination.

Special considerations are given to the financially weak and disadvantaged students through fee concessions/scholarships, free hostel accommodation and free text books from the book bank. Infrastructural facilities like ramps, lifts, and wheel chairs are provided to the differently-abled students.

The teaching-learning process being student-centric, the curriculum endeavors to integrate knowledge with skill which will sustain an environment of learning and creativity. Learning methods encourage students’ participation through project work, field work based projects, action research, case study, classroom seminars by the students, microteaching, internships, guided library work, training in relevant software and e-learning. Teaching innovations through modern teaching aids and ICT facilities make the learning process more student-friendly.

The faculty is recruited through a selection process in accordance with the directives of the State Government for minority institutions. Apart from the substantive posts sanctioned by the State Government, the College recruits additional faculty under management posts created and funded by the College, for both aided and self-financing courses. The faculty is highly competent and dedicated.

Evaluation processes are clearly communicated to the newly admitted students. There is a system of double evaluation. Redressal mechanism in the form of review of the answer script by a third examiner ensures just and fair evaluation. The answer scripts are coded to keep the identity of the students confidential. The marking scheme is made jointly by the external and internal examiners for uniformity in evaluation. There is a provision for the students to see their answer scripts.

The academic progress of the students is monitored through Continuous Internal Assessment (CIA) in its various components.

Identification of slow and advanced learners is made by the faculty on the basis of classroom interactions. Remedial and tutorial classes are arranged for slow and differently-abled learners. Advanced learners are encouraged to present papers in seminars and conferences, and attend research institutes during summer recess for projects.

From the feedback obtained from the various stakeholders and the experience of the faculty, the Boards of Studies of different departments restructure and update the syllabi every three years so as to make it contemporary and relevant.



Bridge Courses are being offered in some programmes of studies in the main campus and the Raghobpur Campus.

	2 nd Cycle (ending on 30.06.2010)	Enhanced Components in the 3 rd Cycle (ending on 30.06. 2015)
Admission process	» The admission process, complying with all the government norms pertaining to religious minority institutions, is online and transparent.	» The entire admission process is conducted online. » Payment of application fee through online mode. » Creation of admission helpline. » Compliance with NCTE norms for the B. Ed programme.
Women Empowerment	» Thrust is given on women empowerment, protection and safety ensuring facilities for their functioning and overall development. » There is a women cell (SWAR) in the college which strives to create a gender sensitive environment through Gender Sensitization Seminar cum workshop. » There are two other women's cells – in AICUF and Alumni/ae association. » Gender sensitization and women empowerment workshops, and seminars are conducted by SWAR, AICUF and alumni women's forum.	» Equal opportunities are given to women. » Equal opportunities are offered to girl students in the Students' Council, all Facilities and Societies. » Camps, Seminars and Workshops relating to Women's issues organized by the different department, societies of the College, the alumni association. » Women's Forum.
Catering to diverse needs	» Orientation programmes are conducted in different departments before the commencement of the teaching programme » (a) Tutorial classes (b) bridge courses (c) remedial classes. These are available for students not only hailing from disadvantaged communities but also for the academically weak students. » B.Com - Mathematics course for Christian and disadvantaged students with non-mathematics background and the English department conducts summer bridge course for Christian students. » For differently-abled students:	» Ramp and Lift facilities for differently-abled students. » Financial aid, fee waiver and scholarships for financially challenged students.



	<ul style="list-style-type: none"> » Special considerations for admission. » Infrastructural provisions by way of wheel chairs, lift and ramp. » During examinations they are provided with writers and are given extra time to complete the examinations. » An infirmary to attend to the emergency needs of such students. » Professional counselling through the Counselling Centre of the college. » Peer group assistance is encouraged. 	
Teacher's quality	<ul style="list-style-type: none"> » Ph.D. – 62 » M. Phil – 18 	<ul style="list-style-type: none"> » Faculty Visit to other universities, both in the country and abroad. » Our teachers conducting training programmes for refugees and marginalised communities outside the country - JC – HEM, JRS (Nepal, Afghanistan, Sri Lanka and Africa). » Skill set training in Science and technology organized by EDC sponsored by DST. » PhD – 77 » M. Phil – 28
Academic audit	<ul style="list-style-type: none"> » Yes. The academic council conducts academic audit every 6 month and share the observations with the faculty. Very recently the college has set up a committee comprising of 3 experts of repute from outside the college who will do the internal academic audit and submit the report to the Principal with necessary recommendation. 	<ul style="list-style-type: none"> » Academic Audit is conducted annually for the institution by an external team of experts.
ICT Facilities	<ul style="list-style-type: none"> » Limited use of ICT facilities. 	<ul style="list-style-type: none"> » Extensive use of ICT and AV facilities with availability in every classroom.



SWOC Analysis: Teaching, Learning and Evaluation

Strength	Weakness
<ul style="list-style-type: none">» Quality of Faculty.» Commitment of the faculty (Continuous research, study and preparation for teaching, mentoring of students and remedial and tutorial assistance)» Completion of syllabus.» Personal attention for weak students and advanced learners beyond routine contact hours.» Student Counselling.» Online access to e-journals and databases.» Introduction of e-campus.» Mentoring, remedial and tutorial classes.	<ul style="list-style-type: none">» Non-optimal utilization of ICT facilities.» Time taken for the publication of results.
Opportunities	Challenges
<ul style="list-style-type: none">» To improve the student-teacher ratio.	<ul style="list-style-type: none">» Continuing to cater to the needs of students with same degree of perseverance and commitment.» Room for increasing our readiness and ability to innovate in classroom teaching methods.



CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

St. Xavier's believes that an institution can become a center of academic excellence only when a research culture exists and proliferates amongst faculty and students. The College plays a very proactive role in promoting this culture. The faculty is encouraged to pursue and complete doctoral and post-doctoral work for which they are granted study-leave with full pay. The faculty is recognized and rewarded during the Convocation function on completion of their PhD.

A Central Research Facility has been set up in the College to assist research activities. There is budgetary allocation for the above. SXC has DSIR Certificate, only given to research institutes. St. Xavier's is a DBT Star College. St. Xavier's College Educational Trust has the provision of 35 (1) and (2) of the Income Tax Act of 1961. Seed money as adjustable advance is provided to initiate research projects. The faculty is granted special leave for attending conferences to present papers. The College management provides financial assistance in the form of TA, Registration fees etc. The library is equipped with a large number of research journals for the faculty. Both PG and UG students participate in research programmes organized by various Universities, Research Institutes and Organizations.

The institution encourages research projects and publications by the faculty. Since June 2010, 861 research papers have been authored / co-authored by the faculty, published in different national and international journals. The faculty authored / co-authored 76 number of books. 30 projects amounting to about Rs. 2.83 crores have been completed and 25 projects of about Rs. 3.78 crore are going on. Faculty members are acting as guides and co-guides of 25 research scholars pursuing their PhD programmes. The institution publishes its annual research journals "Aviskaar" and "Magis". Many departments publish their departmental magazines coordinated by student groups, supervised by members of the faculty.

Students actively participate in research, seminars, paper presentations and publications.

St. Xavier's College is the only General Degree College in India with a responsibility of managing an Educational Multi Media Research Centre (EMMRC) of UGC. Established in 1986, the EMMRC is one of the best centers in the country and has won many awards. In the year 2015, 184 Electronic Television (ETV) programmes have been produced with a total duration of 72 Hours 27 minutes. Besides those ETV programmes, in 2015 the center has developed 114 e-contents and 307 Learning Object Repository (LORs) on Microbiology based on the model syllabus prescribed by UGC for undergraduate students.

The expertise and specialized knowledge base of faculty helps in consultancy service. Course material for Environmental Science of West Bengal University of Technology was prepared by the Departments of Microbiology and Environmental Science. Consultancy services were offered by the faculty to Rasoi Banaspati, Calcutta Laminating Industries, Agri Solutions Pvt. Ltd., Chemico Process Pvt. Ltd., Ennovate Global and UNICEF programme on sanitation. Innovative Research tools are being



developed by the B. Com and BBA students of St. Xavier's under Enactus and EDC for the socially marginalized.

Community and extension service is integrated with the curriculum as extended opportunities to help, serve and learn. Students have to earn one nonacademic credit (30 hours) through community service. Field Trips, Village Camps, Blood Donation Camps, regular visit to Old Age Homes and imparting elementary education to under privileged children in villages as part of the "PRAYAS" initiative, make students aware of their social responsibility and commitment. Villages have been adopted where reconstruction, rehabilitation and other civic amenities have been provided. A full time Director of NSS and Social Work co-ordinates all social activities.

The College runs the programme 'Earn while you learn'. Unique to our institution are the programmes of 'Shishu Mela' and 'College to Village and Village to College'.

Collaborative research has been taken up by the faculty members with some Universities and Research Institutes. The department of Physics has a collaborative programme with Bose Institute at the M.Sc. level. Department of Microbiology has twinned with Manitoba University of Canada.

✚ International Exchanges/ Linkages (all operational) :

- MOU – Namur – 7th October, 2011 faculty and student exchange (under Erasmus+ programme).
- MOU – College of St. Benedict / St. John University Minnesota, USA – 27th October 2011.
- MOU – College of Media Studies and Culture, Torun, Poland – 19th November, 2011, Faculty Exchange.
- MOU – Santa Clara University - 11th July, 2012 (Renewed till 2017).
- MOU – State University of New York, Oswego, USA – 17th November, 2013.
- MOU – Trinity College, Dublin, Ireland – 10th February, 2014.

✚ National Linkages:

- MOU – St. Joseph's College, Darjeeling, September 2014
 - MOU – St. Xavier's College, Jaipur - August 2015
 - MOU – St. Xavier's College, Ranchi.
 - St. Xavier's College of Education, Patna.
 - Loyola College of Education, Jamshedpur.
 - Loyola College of Education, Namchi.
- } January, 2016.

The College has been successfully running international and national student exchange programmes. The College also has faculty exchange programmes with international and national collaborators. A course on 'Science and Religion' is conducted in collaboration with Santa Clara University, USA.

The Career Oriented Programmes have linkages with various organizations like National Stock Exchange and Fact International. The Entrepreneurship Development Cell trains students for entrepreneurship (called EDP) in collaboration with DST.

The College promotes campus cleanliness drive among students and neighborhood surveys are undertaken by the NSS. The entire campus is a 'No Smoking' and 'No



Plastic' zone. The College has introduced the use of Solar Energy and Rain Water Harvesting as environment friendly projects.

	2 nd Cycle (ending on 30.06.2010)	Enhanced Components in the 3 rd Cycle (ending on 30.06. 2015)
Research committee	<ul style="list-style-type: none"> » The college has created a research committee called "St. Xavier's College Centre for Research and Training". The vision of the Centre is to encourage inter-departmental collaboration and nurture and develop a culture of research within the college. » During the last five years, 24 faculty members have taken up major and minor research projects of UGC/DST/CSIR etc. projects worth Rs 20, 94, 500/- have been completed and projects worth Rs. 1, 32, 28, 800/- are continuing. 	<ul style="list-style-type: none"> » Central Research Facility has been set up for science departments in the year 2014. » Faculty encouraged to pursue doctoral and post-doctoral work. » Research activity pursued – Publication of 712 Articles in different national and international Journals. » 76 books are authored and co-authored by different faculties.
Research qualification	62 Faculties with Ph.D qualification.	77 Faculties with Ph.D qualification.
Research pursuit	<ul style="list-style-type: none"> » There are 16 ongoing projects and 8 completed projects of research from the faculties. Among them 7 are major projects and 6 are minor projects. » There are also research publications: 89 International journals and National journals – refereed papers, 15 in college journal and 40 in books. 	<ul style="list-style-type: none"> » A significant number of faculty members from different departments of the college are involved in higher research. » Many faculty members are in the process of completing their doctoral work. » Research project sponsored by Fund for Improvement of Science and Technology (FIST) for infrastructural upgradation. » Upgradation of the Observatory for research in Astro-Physics. » A large cross section of the teachers is involved in major and minor research projects.
Seminars	<ul style="list-style-type: none"> » The percentage of the faculty who have served as resource person in workshops/seminars/conferences during the last five years is about 18%. » The percentage of the teaching staff who have presented papers in workshop/seminar/conferences during the last 5 years is about 	<ul style="list-style-type: none"> » Seminars and Workshops at the International, National, College and Departmental levels are organized. Eminent speakers and experts in their respective fields of study are invited to deliver talks. Members of the faculty are encouraged to participate in Orientation Programme and Refresher Courses as part of the Career



	34%. » Seminars are held once every three months to enable faculty members involved in research to present their findings.	Advancement Scheme. » Refresher Course is conducted by the Department of Physics. » The percentage of the faculty who have served as resource persons in workshops/seminars/conferences during the last five years is about 52%. » The percentage of the teaching staff who have presented papers in workshop/seminar/conferences during the last 5 years is about 52%.
Research publications	169	861
Papers presented	41	468
Seminars attended	130	556
Resource persons	35	111
Books Published	40	76
Consultancy	3 faculty engaged in consultancy. Consultancy earnings per annum is 1.87 lakhs.	For Laboratory based consultancy the college follows a 60:40 ratio for the professors engaged in consultancy. List of Consultancy: Educates Chemico Process Pvt. Ltd., Ennovate Global Pvt. Ltd. and EMMRC St. Xavier's College. The broad areas of consultancy provided by the College are Microbiology, Fermentation, Environmental awareness, and e-learning resources.
Collaboration	2	12



SWOC Analysis: Research, Consultancy and Extension

Strength	Weakness
<ul style="list-style-type: none">» State of the art laboratory infrastructure and ICT facilities for research.» Good coordination between Teacher – Laboratory Staff – Students.» Many faculty members have extensive post-doctoral research experience both in India and abroad – hence teaching / research standards are very high.» Campus and neighbourhood cleanliness.» Outreach programmes – Adoption of Villages, PRAYAS project, ‘College to Village and Village to College’ project.» UG / PG Curriculum oriented towards research.	<ul style="list-style-type: none">» Involvement of both teachers and students in research could be enhanced.» Social orientation in research – research should be more application oriented.
Opportunities	Challenges
<ul style="list-style-type: none">» To expand research activities in coming years, mentoring system to address problems of students has been incorporated.» Students can participate in more inter disciplinary programmes and have better exposure to research problems and methodology.» Students are and will continue contributing to the scientific community and industries.» To expose students to quality techniques in terms of hands-on experience to keep up-to-date with changes in technology.» Exposure of students to research problems and methodology through project work and publication of departmental magazines.	<ul style="list-style-type: none">» To attract even better quality faculties.» Tie-ups for collaborative research with industries and foundations.» To attract funds from UGC, CSIR, DST, FIST and other funding agencies.



CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

The College monitors the adequacy and optimum use of facilities available in the institution to maintain the quality of academic and other programmes. In the last five years about 50,000 square feet space has been added to the College infrastructure. The Jubilee Building with G+3 floors was inaugurated in 2009. All of these have led to additional classrooms, Central Research Facility room, a well-equipped Central Library etc. A new wing for the Biotechnology department with audio-visual facilities has been added. With the above space there has been a rapid expansion of the various departments and offices. The Controller of Examinations office has been shifted to the first floor to provide more space and improved infrastructure.

For meeting future developments, expansion has been planned and executed. The EMMRC will be shifted to the EM Bypass campus. With an additional third floor in the erstwhile Park Street Hostel building, 32000 sq. ft. (approx.) of space has been added and is being used by the Department of Education and Central Library. A guest house at Salt Lake has become functional from 2013 to accommodate the visiting faculty members. Two separate hostels for boys and girls respectively have been constructed at AJC Bose Road with 220% increase in the intake of students. The boys' hostel (Fr. Leeming Hostel for Boys) was inaugurated in July 2014 and the girls' hostel (Mother Teresa Hostel for Girls) in July 2015. The Department of Education has shifted to the old hostel building in June 2015 along with the relocation of the Central Library, thus leaving space for use in the main building. The development of the infrastructure and the physical facilities available thus keep pace with the overall development of the institution. The addition of Raghobpur Campus has enabled admission of rural students and thereby helped in the creation of further space for academic expansion.

There is an effective mechanism for the maintenance of the infrastructure facilities. The College has a full-fledged maintenance department under Fr. Minister who is the administrator. There is a full time maintenance manager with an assistant and full time electricians, plumbers, carpenters, sweepers and gardeners. The College has a well-established carpentry workshop.

Library software – ILMS KOHA (Version 3.14), the computers, equipment and other network facilities are under the Annual Maintenance Contract. A "System In-charge" takes care of the daily maintenance of the ICT facilities.

The institution has an excellent library and computer facilities with easy access to all its constituents. With 12,000 square feet of carpet area and a little over 57, 162 text books and reference books with 95, 513 e-books are available in Central Library. The library is accessible from 7 am to 7.30 pm. Spacious reading room, open access to the stacks, reprographic/audio/video facilities, CD/DVDs, access to e-learning, INFLIBNET, DELNET, Foreign and Indian research journals/magazines and research cubicles with internet connections cater to the needs of students and staff.

Both Raghobpur and St. Lawrence campus are equipped with Library and Computer laboratory facilities.



ICT facilities are adequately available in the institution for academic purposes. There are 687 desktops and 30 laptops in the College. The departments have their own computer facilities with 39 desktops for departmental works. Apart from computer facilities in PG departments, there are Central Computer Laboratories with 233 computers having internet connection facilities. 28 MBPS leased line for internet access is extended to the entire campus. Campus networking is with Fiber Optic backbone. All classrooms are equipped with audio visual facilities. The College also has a Cyber Room with 51 Computers with internet and printing facilities catering to the needs of the students.

There are a host of other support facilities available on the campus. An air-conditioned Auditorium with a capacity to accommodate 600 people having modern lighting and acoustic system is available. A mini auditorium (Fr. Arupe Hall) with a capacity of 150 at a time is also available for use for different activities. The Department of Education has a hall which can house 200 persons. The Jubilee hall has a capacity of 250. The Raghampur Campus and the St. Lawrence campus have hall and auditorium respectively. Besides the auditorium the College main campus is equipped with a number of additional halls such as Rohinton Kapadia Central Hall with 17 cubicles in the mezzanine floor of the hall and the Xavier Hall with a capacity of 200. There are two play fields for outdoor games along with a floodlit basketball court. The College canteen accommodates 100 students at a time; there is a separate enclosure for staff members. The canteen remains operational from 7 am to 7 pm. Wash rooms on each floor for boys and girls, drinking water facility attached with water purifiers are available, a girls' common room on the second floor and a Students' common room with indoor game facility on the ground floor are available. Raghampur campus also has a separate common room for girls.

The College has been provided with two transformers by CESC for sufficient supply of electricity. There are two generators – one for offices and the other for classrooms. The College will soon be provided with the Feeder line by CESC for uninterrupted supply of electricity.

The institution utilizes its infrastructure facilities from 6 am to 8.30 pm in the most optimal way to conduct the 3 shifts of classes.

The institution has a well-equipped infirmary, which provides necessary health care facilities. There is a panel of doctors who visit the College on call to attend to emergency situations. The infirmary has round-the-clock trained nurses and attendants. For differently-abled students, infrastructural facilities like ramp, lift and wheel-chairs and washrooms are available.

A small well-laid-out garden with tree plantation and greenery with a lush green cover on the playground contribute to the ambience of the surroundings.



	2 nd Cycle (ending on 30.06.2010)	Enhanced Components in the 3 rd Cycle (ending on 30.06. 2015)
Physical facilities	<ul style="list-style-type: none"> » No of class rooms- 45 » Computer laboratories-3 » There are two central staff rooms for the teachers in the ground floor. » Xavier Hall with a capacity of 150 people where meetings and conferences are held. » Two conference rooms with audio-visual and video conferencing facilities. 	<ul style="list-style-type: none"> » Classrooms – 65 » Smart Classrooms - 2 » Computer Labs - 9 » Seminars Halls – 4 » Campus Area <ul style="list-style-type: none"> ○ Park Street Campus – 6 Acres ○ AJC Bose Road – 0.89 Acres ○ E M Bypass Campus – 5.65 Acres ○ New Town Rajarhat Campus – 16.64 Acres ○ Saltlake (Guest House) – 0.3 Acres ○ Raghampur Campus – 3 Acres ○ Ballygunge (St. Lawrence) Campus – 6 Acres
Infrastructure planning	The new planning and infrastructure developments are carried out as and when necessary. There is constant discussion at the level of Principal and Vice Principals, Teachers Council, HOD's administrative staff, Alumni, Governing Body and the Founder Body.	Raghampur Campus - the rural face of St. Xavier's.
ICT	<ul style="list-style-type: none"> » 3 laboratories with 180 computers. » Cubicles in the central library equipped with ICT facilities for use of faculty and students. » 1 laboratory with 45 computers in the Computer Centre. » Three computer laboratories for Multimedia and Animation. » A cyber room with 35 computers for internet access to students. » Laptops available for use by faculty. » Campus networking with Fibre Optic backbone. » A Computer Centre to assist and train faculty and students in IT. » 10 mbps leased line for internet access extended to the entire campus. 	All classes equipped with ICT facilities in the main campus and Raghampur campus.



Library	» The year before last 07-08, 3990 text books and reference books (Total Cost Rs. 1858487 with 155Journals/Periodicals (Total Cost Rs. 165000, the year before 08-09, 5880 text books and reference books (Total Cost Rs. 1942101 with 187 Journals/Periodicals (Total Cost Rs. 195000 available in Central Library.	» 57, 162 text books and reference books with 95, 513 e-books are available in Central Library of the main campus. » St. Lawrence Campus Library has a total number of 1184 books. » Raghampur Campus Library has a total number of 1787 books.
Internet facilities	» 540	» 687

SWOC Analysis: Infrastructure and Learning Resources

Strength	Weakness
» Excellent Laboratory Infrastructure. » ICT facilities for teaching-learning. » Inputs from industry and use of state of the art technology. » Better opportunities for research and facilities to contribute to the scientific community. » Regular maintenance, upkeep and upgrading of facilities.	» Sub-optimal use of ICT facilities. » Increasing pressure on available space. » St. Xavier's is a Heritage Building therefore we have constraints with new construction.
Opportunities	Challenges
» To do more wet lab experiments in the dissertation work. » To improve and upgrade laboratory protocols with better financial support. Opportunity to improve and modernize laboratories and better management of chemicals and expensive instruments should be involved.	» To ensure quality research facilities for all Professors and students. » Infrastructural requirements are continuously growing and requires continuous updating.



CRITERION V: STUDENT SUPPORT AND PROGRESSION

The College makes an earnest and extensive effort to provide necessary assistance to students for facilitating their holistic progression. On an average more than 50% of the students pursue higher education in institutes of national repute such as TIFR, IISc, ISI, IITs, IIM's and other Universities. The PG students go for their Doctoral work in research institutes such as HRI, SNBCNS, IIMSc (Chennai) etc. The commerce students go for ICAI (Chartered Institute), ICSI, ICAI (Cost Institute) and different reputed business schools. Students of the Department of Education go for M.Ed. degree. Students go to summer schools in Foreign Universities. Thus there is an appreciable vertical movement of students from one level of education to the next higher level.

The institution makes effort to facilitate progression towards gainful employment. The internship of B.Com /BBA students in different industries help to establish contacts. Career Oriented Courses and soft skill training equip the students for technical vocations. The Entrepreneur Development Cell conducts Awareness Camps to train students for entrepreneurship.

There are facilitating mechanisms to support students. Special admission consideration is given to students who are outstanding in sports and NCC. Guidance and counselling is provided by all faculty members to weaker students. Mentoring, Remedial classes and tutorial classes are also offered to students. The Counselling Center provides counselling services to the students in the form of personal and vocational guidance. The Women's Cell of the College provides counselling to women students. There is an active Placement Cell which ensures on and off campus recruitment drive. Between 2010-2015, 2033 students were recruited by various companies and institutions, both national and international.

Alumni/ae provides assistance in the placement of students and organizes various programmes for both past and present students. They also contribute substantially to the scholarship fund of the College. Welfare measures are in the form of scholarships, fee concessions, hostel accommodation, Book Bank facilities, medical support and infrastructural support to differently-abled students. There is a Grievance Redressal Cell which is vested with the authority to arbitrate any type of grievances raised by the students. The Anti-Ragging Committee and Committee against Sexual Harassment protect the rights of the students in the respective areas of concern. The SC/ST and Minority Cell ensures service to the relevant students.

There are many associations and societies under the Students' Council which organize academic and co-curricular programmes for students throughout the year. Extracurricular and co-curricular activities are strongly encouraged by members of the faculty. Students have to earn upto six credits from these activities; at least one of these credits (30 hours) has to be earned through social/community service. The motive of earning credit hours encourages students to participate in cultural activities organized by the various student societies/student associations and departments. Participation in these activities helps to develop various skills of the students and to foster holistic personality development.



Feedbacks from students on Faculty, Syllabi and Infrastructure are taken in the form of questionnaire which help to improve the academic standards and infrastructural facilities of the College. Xaverian Parliament, an open forum, allows the student representatives to voice their observations on various issues of the College through interaction with the Principal and Vice Principals.

There is a apolitical Students' Council which takes care of students' welfare. It is the activity center of the students which promote co-curricular and extracurricular functions. It is run by the students' body elected through a democratic process.

The College encourages 'earning while learning' by employing some of the students in the offices and the canteen outside class hours.

	2 nd Cycle (ending on 30.06.2010)	Enhanced Components in the 3 rd Cycle (ending on 30.06. 2015)
Student support	<ul style="list-style-type: none"> » Monitoring of students » Scholarships, fee concessions, free books and concessions for hostel accommodation. » Opportunities for employment through the placement cell and EDC. » Academic and personal counselling are provided by the faculty as well as the Vice-Principals and the Deans. 	<ul style="list-style-type: none"> » Mentoring scheme. » Students are coached for entry to services, for example IAS Guidance Centre. » Students sent to summer courses in research institutes and helped for competitive examinations. » Simulated online exam module. » Other courses with regular curriculum.
Scholarships & Concessions	<ul style="list-style-type: none"> » 2059 students » Amount- Rs. 69,49,511 	<ul style="list-style-type: none"> » 2402 students » Amount 1,71,66,591
Healthcare facilities	<p>First aid is provided by NSS, a well-equipped infirmary with support staff.</p> <p>A Jesuit Brother is the in charge of the infirmary which has a comprehensive list of doctors from specialization areas. Most of the doctors are our own alumni/ae.</p> <p>There is also free medical clinic within the campus. Group health insurance scheme for the students has not yet been introduced. There are regular health check-ups organized in the hostel.</p>	<p>The institution has a well-equipped infirmary under a Jesuit Brother: There is a compounder, trained nurses and attendants. There is a panel of doctors who visit the College on call. There is also free medical clinic within the campus. The first-aid facilities are available with each departmental office in the College along with NSS and NCC. Health care camps are organised regularly for students and their parents followed by necessary medical action.</p>
Welfare schemes	<p>Loan facility.</p> <p>Medical Group Insurance.</p> <p>Per year non-teaching.</p>	<p>For differently-abled student's infrastructure facilities such as ramp, lift, wheel chairs are provided. Sick and PWD students are provided with amanuenses in separate rooms during examination. Extra time during examination is</p>



		given to them.
Entry to services	NIL	IAS Guidance Centre for aspirants to Civil Services.

SWOC Analysis: Student Support and Progression

Strength	Weakness
<ul style="list-style-type: none">» Individual attention for weak students and advanced learners beyond routine contact hours.» Student Counselling.» Placement cell.» Effective mentoring to individual students.» Entrepreneurship Development Cell (EDC).» SC/ST and Minority Cell.» AICUF.» LTS.» Skill Based Training.	<ul style="list-style-type: none">» Health Insurance for students not yet offered» Limitation of space for recreational facilities.
Opportunities	Challenges
<ul style="list-style-type: none">» To create scope for more placement.» To improve student support system through Health Insurance.» To further improve infrastructural facilities in students' common rooms.» Further enhancement of competency development programmes through co-curricular activities.	<ul style="list-style-type: none">» To handle students from diverse backgrounds with greater sensitivity.» Our 'option for poor and marginalised' challenges us to give greater attention to students from this strata of society.



CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

The vision, mission and goals of the institution are achieved through strategic action plan, schedule for future development, effective leadership and participative decision-making process. Based on the philosophy of Jesuit education, the College aspires to follow the Jesuit paradigm of AMDG (for the greater glory of God) and “MAGIS” (for the better / greater) in all aspects of teaching, learning, evaluation, research and extension services. Breaking the barrier between urban and rural students, the College strives to spread education to everyone. Special focus is given to those belonging to the marginalized sections of society irrespective of caste, creed, religion and gender.

The Principal is the Head of the institution. He delegates responsibilities to the Vice Principals (VPs), Deans, Heads of Departments (HODs), Controller of Examinations(COE) and faculty members. He guides, assists and co-ordinates the implementation of various decisions. Accountability and transparency in the execution of duties is central to the administration at St. Xavier's College. Faculty is intimately and organically involved in the decision-making process. Lay leadership and participation is promoted by the Jesuit management. All academic and policy decisions are taken in consultation with the faculty members. All administrative bodies have faculty representation. Thus academic and administrative planning in the institution is well coordinated.

The Provincial, who is also the President of the Governing Body visits the college annually. He visits the College sometime in October/November, meets the administration, staff and students. At the end of the visitation he presents a verbal and a written Memoriale(report) to the Principal.

At the beginning of the academic year, various departments and the members of administration scrutinize the work load and assess the need for staff recruitment and other infrastructural requirements. This is further scrutinized by the Principal. New recruitments are done through a selection process satisfying the government criteria for both substantive posts and College created posts. The Founder body and Governing body have decided to follow a uniform pattern of salary for all teachers. The institution has a self-appraisal method to evaluate the performance of the faculty in teaching, research and extension programmes. Skill up-gradation and training programmes are conducted for the non-teaching staff members when required. The College organizes Orientation and Faculty Development Programmes twice a year. The faculty is encouraged for research and project work leading to their academic development. Thus the management of human resource is meticulously planned and executed.

Effective efforts are also undertaken for resource mobilization. The main sources of grants are the State Government and the UGC. This apart, Alumni/ae contribute substantially towards institutional development. Renting of College infrastructure and facilities, donation from various sources are the other significant forms of income. The Societies and Associations raise their own resources for their programmes, 15% of which is contributed to the scholarship fund. The Students' Council every year



contributes a dedicated fund for the development of the College. The students' fees and various COP courses contribute to resource mobilization. In the year 2014-15, the quantum of resources mobilized through donation were about Rupees 10,30,87,773.

The operating budget of the institution is adequate to cover day to day expenses. The budget is sufficient to take care of the maintenance of infrastructure. At the beginning of each financial year, the finance committee meets for budget allocation under different heads. The budget is sent for approval to the Governing Body and the Founder Body. Periodic review of the budget expenses is made for optimal utilization. There is an internal auditor appointed by the College for internal audit. Further, external audit is done in every financial year. Thus, the available resource is optimally allocated and utilized through efficient financial resource management.

The dynamic leadership of the Principal, the active participation of the Staff, both teaching and support, in academics and administration together with effective internal coordination and monitoring by IQAC make it possible for the institution to achieve its goals.

The College classrooms are utilized by other organizations to conduct competitive examinations on Sundays and holidays. IGNOU conducts its classes on Saturdays and Sundays. Computer laboratories are used as online test centers by outside organizations on holidays. The College auditorium is offered on hire to outsiders for educational and cultural programmes.

The key responsibility areas of the IQAC in the context of governance and management:

Documentation of various reports sent to the respective Governing Agencies on time.

Documentation and approval of faculty record.

Maintenance of records pertaining to different programmes held in the College.

Organizing quality improvement programmes for faculty members.

The Principal ensures that members of the faculty are given autonomous decision-making powers with regard to their academic and administrative functions.

Decision making structure: The Principal supervises the decision making structure of the college through the hierarchy of academic administration. The Vice Principals, Deans, Member Secretary – Academic Council, Coordinator – IQAC, Heads of Departments and members of the Faculty actively participate in the decision making procedures of the institution.

Support staff: Members of the support staff are included as members of different committees in order to participate in the governance and administration of the College.

Being a Jesuit Institution, St. Xavier's College has its own Chapel. Students, irrespective of their belief visit this for a moment of prayer and peace. Every Xaverian has experienced the presence of Providence in this campus. The College governance and leadership ensures formation of men and women for others who would be agents of social change.



	2 nd Cycle (ending on 30.06.2010)	Enhanced Components in the 3 rd Cycle (ending on 30.06. 2015)
Quality improvement strategy	» Importance to ICT, infrastructural expansion, feedback on institutional and academic processes.	<ul style="list-style-type: none"> » Jesuit strategies of governance leadership and management. » Appreciation and recognition of individual contribution of teachers. » New Campuses. » Fellowships organized once a month to celebrate birthdays of both teaching and support staff. » Democratic and participatory leadership mechanism ensures better facilities for teaching and learning.
Faculty Empowerment	» Seminars, workshops, Programme to bring about awareness.	<ul style="list-style-type: none"> » The strategy of empowerment – horizontal authority and shared responsibility. » More Seminars, Workshops, example, JC-HEM and JRS (extension service at international level), sharing of responsibility with faculty in governance and management.
IQAC	<ul style="list-style-type: none"> » Internal coordination and monitoring. » Regular review by IQAC to assess quality maintenance, enhancement of infrastructural facilities and prepare the AQAR report at the end of the academic year. 	<ul style="list-style-type: none"> » IQAC as the central site of all data related to all aspects of the College. » Quality Improvement Programmes for both Teaching and Support Staff at the beginning of every semester. » Academic Audit by a team of external experts. » The following reports are prepared by IQAC: <ul style="list-style-type: none"> • AQAR • AISHE (DCF II and IV) • AIACHE • SSR etc.
Financial Management	» The Finance Committee meets for allocation under different heads of the budget. It is reviewed quarterly by the Finance Committee.	<ul style="list-style-type: none"> » Reconciliation statement of Budgeted income and expenditure is prepared every quarter as per the Founder Body's requirement. » A Purchase Committee scrutinizes the prospective purchase of every major item. » Pay track software to avoid double payment. » Maintenance of Corpus Fund for



		Hostel Project, Project like Lakhsya and other similar projects initiated by the Alumni.
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SWOC Analysis: Governance, Leadership and Management

Strength	Weakness
<ul style="list-style-type: none"> » 500 years of Jesuit system of governance which is hierarchical and horizontal in dimension. » Tested leadership based on pioneer and shepherd system. » Well laid out spirituality based management system which is principled on the Ignatian World-view. » System of promoting communitarian initiatives. » Appreciation and recognition of achievements of Teaching Staff and Support Staff during the Convocation ceremony and other celebrations and meetings. » The Principal delegates responsibilities to Vice Principals, Academic Council – Member Secretary, IQAC Coordinator, Deans, HoDs, COE (Controller of Examinations) and Faculty Members. » Accountability and transparency in the execution of duties at all levels. » Policy decisions are undertaken in consultation with the faculty members. » All administrative bodies have faculty representation. » Promotion of a transparent and participatory governance – students' participation at different levels and all major activities of the College. » Constant process of assessment to improve all kinds of services offered to the student community. » Lay participation in governance and management including support staff. » Easy availability of the administrators to the students as part of open-door policy of the Jesuits. » Cohesive environment in the campus. » Active involvement of the alumni/ae. 	<ul style="list-style-type: none"> » Dwindling number of Jesuits in the College and across the world. » Yet to identify effective mechanism to develop a sense of belonging among some staff, and the ex-students with their alma mater. » Reluctance in accepting leadership.



Opportunities	Challenges
<ul style="list-style-type: none">» To meticulously plan the human resources for better execution of opportunities.» To encourage more faculty members to participate in leadership programmes.» To create opportunities for more collaborations with other Universities and Institutions at the National and International levels.» To create opportunities to further open up lay participation in governance and leadership.» To invite advisory participation of the stakeholders.	<ul style="list-style-type: none">» Employment of prompt feedback mechanism in the various aspects of conducting administrative acts.» Furthering of delegation of tasks for a balanced distribution of work load.» Scope for better time management and prioritisation of work.» Scope to procure financial support and resource mobilization.» Further extension of collaboration at the National and International levels to improve the overall quality of education.» To identify motivators who will involve the staff more in institutional activities, research and responsibility related to social identity as a propagator of the Xavierian culture and conduct.» Lack of focus towards studies amongst students due to external distractions.» Creating more opportunities for the marginalized sections of society to improve the existing option of the pro-poor policy of the Jesuits.» Breaking the barrier between urban and rural students – spreading education to everyone.» Goals of the institution to be achieved further through strategic perspective plan and vision 2025.» To extend the mission of SXC – forming men and women for others.



CRITERION VII: INNOVATIONS AND BEST PRACTICES

St. Xavier's College as a higher educational institution is highly concerned about and proactive in its response to the changes that are taking place at the local, national and the global scenario.

The quality of the basic courses is improved after every three years when a thorough revision of the syllabus is undertaken by the BOS on the basis of the experience gained from the previous three years.

The Curriculum Restructuring Committee is tasked with preparing a modern format of the curriculum with emphasis on research orientation, inter disciplinary studies and employability.

Innovations also include designing of innovative experiments, inter-disciplinary study and employability.

The College has introduced five certificate courses and two diploma courses under Career Oriented Programmes for value addition.

The career opportunities of the students are enhanced through internship, projects, participation in national and international seminars, development of leadership qualities through social activities, soft skill training, EDC activities and Career Oriented Programmes.

The institution ensures the quality of its administration through decentralization and participation of all stakeholders in major policy decisions. The administration is transparent with clear delegation of duties and responsibilities. Fellowship gathering of staff, students and administration promote an ambience of oneness. This ensures quality management in all academic and administrative aspects.

Inclusive practices of the institution to impart holistic education are inherent in the system. The institution is completely secular in character. Students belong to every social class, community and linguistic group. They are trained to become men and women of competence, commitment, compassion and conscience. Equity and access in availability, special attention to the weaker sections and representation of women in all aspects ensure promotion of social justice.

Compulsory credit for social work and outreach activities, assistance to disaster victims, adoption of villages for rehabilitation work and educational assistance, blood donation camp, Shishu Mela etc. inculcate value based social responsibility and conscientious citizenship amongst the student community.

Active involvement of alumni/ae is ensured through various programmes like monthly open forum and, national/international conventions.

The main problems are: (1) Space Crunch (2) Recruitment. With the increase in the number of departments, staff and students, the Park street campus is proving to be especially insufficient for the introduction of more and newer courses. The College has acquired more space to open new campuses. Delay in sanctioning substantive posts by the government following retirement of the faculty and non-availability of suitable teachers in certain departments for Management posts are creating problems for filling up the vacant posts.



	2 nd Cycle (ending on 30.06.2010)	Enhanced Components in the 3 rd Cycle (ending on 30.06. 2015)
Green audit	<ul style="list-style-type: none"> » Regular cleanliness drive within and outside the campus. » Tree plantation within the campus. » Smoke Free Campus. » NSS awareness programmes. 	<ul style="list-style-type: none"> » Solar Energy generation. » Rain Water Harvesting. » Plastic Free Campus. » Campus free from non-biodegradable products. » Green-clean neighbourhood.
Faculty empowerment	<ul style="list-style-type: none"> » Seminars, workshops, Programme to bring about awareness. 	<ul style="list-style-type: none"> » FDP programmes under DBT star College. » Proposed FDP by JCPA of Darjeeling and Kolkata provinces. » Faculty participation in international programmes.
Administrative Audit	<ul style="list-style-type: none"> » The annual audit by the Provincial, the Founder Body President. 	<ul style="list-style-type: none"> » Regular audit by a team of external experts of the courses, departments, infrastructure. » Feedback mechanism from the stake holders. » The Principal and Vice Principals regularly review the administrative operations.
Innovation and Best Practices	<ul style="list-style-type: none"> » A participatory and collaborative system of governance in which all stakeholders are involved. » Under autonomy the college has decentralized administration and delegated responsibilities to staff. » Appointment of lay professors in higher administration betokens the Jesuit vision of sharing responsibilities with collaborators. » Formation of various committees and cells to share in administration. » Participation of stakeholders in decision making through their representation in various bodies and regular meetings with them. 	<ul style="list-style-type: none"> » Opening of the Raghobpur Campus, rural face of St. Xavier's College. » Quest for excellence – emphasis on quality education. » Evaluation of teachers, courses and infrastructure by the students. » Regular upgradation of syllabus. » Contributing to education by forming men and women for others. » Regular updating of students' attendance on the College website. » Foundation course on Inter-religious studies, Ignatian Pedagogy Paradigm and personality development. » Industry-academia interface. » Inculcating essence of research through projects and dissertation. » Xaverian Parliament with the



		<p>Principal and Vice Principals.</p> <ul style="list-style-type: none">» Regular monthly alumni meetings with the Principal.» Monthly birthday celebration of the Teaching and Support staff.» Fostering and rewarding research.» Fostering global competence among students.» Promoting use of technologies.» Acknowledging students achievements in academic as well as co-curricular activities.» Open access system in the library.» 3600 Grievance redressal system.» Constant deliberation and improvements of our rules and regulations.» Green Benches for informal interaction of the students.» Cordial, warm and secure campus environment.» Epitome of our country's multi-cultural and multi-ethnic diversity in unity.» Pro-poor policy in admission and scholarship.» Sharing of infrastructural facilities with neighbourhood colleges.» Research Fund with 35 (1) and (2) provision of the Income Tax Act 1961.» Alumni association opening National and Global chapters.» Experimental innovation in the Departments of Physics and Microbiology.
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SWOC Analysis: Innovations and Best Practices

Strength	Weakness
<ul style="list-style-type: none">» Ongoing promotion of new innovative practices to make the institution relevant in its mission as an agent of social transformation.» Awareness building exercises to propagate eco-friendly consciousness.» Campus and neighbourhood cleanliness.» Medical Camps organised by Alumni association for Raghampur and other rural centres.» One Computer laboratory functions solely on solar power.» Disposal of biological waste of laboratories after autoclaving.» Use of HEPA filter in all biological transfer experiments.	<ul style="list-style-type: none">» Practical difficulty with implementation of innovative and best practices given the diverse nature of students.» Reluctance to practise innovative methods of teaching-learning.
Opportunities	Challenges
<ul style="list-style-type: none">» Green Campus.» Centralized Solar Power generating System.	<ul style="list-style-type: none">» To break free from the shackles of the old system.» To become pioneers and shepherds.



SELF- STUDY REPORT

PROFILE OF THE INSTITUTION

1. Name and Address of the College:

Name: St. Xavier's College (Autonomous)		
Address: 30, Mother Teresa Sarani		
City: Kolkata	Pin: 700016	State: West Bengal
Website: www.sxccal.edu		

2. For communication:

Designation Name	Telephone with STD Code	Mobile	Fax	Email
<u>Principal:</u> Rev. Dr. J. Felix Raj SJ	033-22551231	9831207444	033-22879966	principal@sxccal.edu
<u>Vice Principals:</u> Rev. Dr. Dominic Savio SJ	033-22551202	9433345696	033-22801928	vpcom@sxccal.edu
Prof. Bertram Da Silva	033-22551205	9163651577	033-22801927	vpas@sxccal.edu
Prof. Swati Sarkar	033-22551243	9830270879	033-22872484	vpedu@sxccal.edu
Dr. Madhusree Mukherjee	033-22551233	9836003212		madh.mukh@yahoo.co.in
<u>Steering Committee Coordinator:</u> Prof. Partho Mukherji	033-22551239	9830012126		parthomukherji18@gmail.com

3. Status of the Autonomous College by Management:

- a) Government
- b) Private ☒
- c) Constituent College of the University

4. Name of University to which the College is affiliated:

University of Calcutta

- 5. a. Date of establishment, prior to the grant of 'Autonomy': 16/01/1860
- b. Date of grant of 'Autonomy' to the College by UGC: 06/03/2006



6. Type of Institution:

a. By Gender

- i. For Men
- ii. For Women
- iii. Co-education ☒

b. By Shift

- i. Regular ☒
- ii. Day ☒
- iii. Evening ☒

c. Source of funding

- i. Government
- ii. Grant-in-aid ☒
- iii. Self-financing ☒
- iv. Any other (Please specify)

7. Is it a recognized minority institution?

Yes ☒ No

If yes specify the minority status (Religious/linguistic/ any other) and provide documentary evidence.

Christian Minority Institution(copy attached in the annexure).

8. a. Details of UGC recognition:

Under Section	Date	Remarks (If any)
	(dd-mm-yyyy)	
i. 2 (f)	-	Yes
ii. 12 (B)	-	Yes

(Enclose the Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act)

b. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.)

Under Section/clause	Date(dd-mm-yyyy)	Validity	Programme/Institution	Remarks
i.	09/12-04-2002	Permanent	B. Ed	1 Year
ii.	23-05-2015	Permanent	B.Ed	2 Years

(Enclose the Certificate of recognition/approval)

9. Has the College been recognized

a. By UGC as a College with Potential for Excellence (CPE)?

Yes ☒ No

If yes, date of recognition: 28/09/2006



b. For its contributions / performance by any other governmental agency?

Yes No ☒

If yes, Name of the agency and

Date of recognition: (dd/mm/yyyy)

10. Location of the campus and area:

Urban and Rural:

- Park Street Campus – 6 Acres
- AJC Bose Road – 0.89 Acres
- E M Bypass Campus – 5.65 Acres
- New Town Rajarhat Campus – 16.64 Acres
- Saltlake (Guest House) – 0.3 Acres
- Ballygunge (St. Lawrence) Campus – 6 acres
- Raghobpur Campus – 3 Acres

11. Does the College have the following facilities on the campus (Tick the available facility)? In case the College has an agreement with other agencies in using such facilities provide information on the facilities covered under the agreement.

✚ Auditorium/seminar complex ☒

✚ Sports facilities

- Playground ☒
- Swimming pool ☒
- Gymnasium ☒

The College hires out venues in Kolkata for conducting various sports and games for which we do not have necessary infrastructure in College. Agreements are signed with specific agencies to hire venues.

The venues are hired for diverse events such as badminton, swimming, squash, turf pitches for cricket practices, tennis courts and rowing course to conduct our intra-mural programmes, trials for admission, selection of College team and practice sessions.

✚ Hostel

- » Boys' hostels ☒
- » Girls' hostels ☒

✚ Residential facilities

- » for teaching staff ☒ (4 Guest Rooms on demand)
- » for non-teaching staff ☒ (14 Support Staff Quarters to accommodate 50 heads)

✚ Cafeteria ☒

✚ Health center –

- » First aid facility ☒ Primary First Aid setup
- » Inpatient facility ☒
- » Outpatient facility ☒
- » Nearby Hospitals ☒
- » Ambulance facility ☒
- » Emergency care facility ☒ Furnished Infirmary (Tie up with Mayflower Nursing Home, Lifeline Nursing Home and Park Nursing Home)



» Health center staff –

Qualified doctor	Full time <input checked="" type="checkbox"/>	Part-time <input checked="" type="checkbox"/> (House Physician)
Qualified Nurse	Full time <input checked="" type="checkbox"/>	Part-time <input checked="" type="checkbox"/> (3 Nurses, 3 Female Attendants)
One Full time Infirmarian		

» Other facilities

- » Bank ☒
- » ATM ☒
- » post office ☒
- » book shops ☒

» Transport facilities

- » for students ☒
- » for staff ☒

» Power house ☒ (2 CESC Transformers, 2 Generators, 1 Feeder Line for uninterrupted Power Supply from CESC)

» Waste Management Facility ☒ (KMC VAT)

12. Details of programmes offered by the institution: (Give data for current academic year) Current Academic Year 2014-15 (See Annexure 1)

Sl. No.	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student intake	No. of Students admitted
1	UG	<input checked="" type="checkbox"/>	3 Years	XII	English	2034	2049
2	PG	<input checked="" type="checkbox"/>	2 Years	UG	English	189	234
3	Integrated Masters	<input checked="" type="checkbox"/>	5 Years	UG	English	105	48
4	B. Ed.	<input checked="" type="checkbox"/>	1 Year	UG	English	100	100
5	M. Phil	–	–	–	–	–	–
6	Ph. D.	–	–	–	–	–	–
7	Integrated Ph.D.	–	–	–	–	–	–
8	Certificate	<input checked="" type="checkbox"/>	3Monthsto 1 Year	XII	English	246	246
9	Diploma	<input checked="" type="checkbox"/>	1 Year	XII	English	85	85
10	PG Diploma	<input checked="" type="checkbox"/>	1 Year	UG	English	170	170
11	Any Other : » UG at Raghobpur Campus	<input checked="" type="checkbox"/>	3 Years	XII	Bengali	135	120
	» IAS Guidance Course	<input checked="" type="checkbox"/>	1 Year	UG	English	32	32



13. Does the institution offer self-financed Programmes?

Yes ☒ No

If yes, how many? 9 Degree courses and 7 Diploma courses = 16 courses.

14. Whether new programmes have been introduced during the last five years?

Yes ☒ No

If yes, Number? 3 Degree courses, 4 Diploma courses, 3 Certificate courses and 1 IAS Guidance course = 11 courses.

15. List the departments: (Do not list facilities like library, Physical Education as departments unless these are teaching departments and offer programmes to students)

Academic year: 2014-15			
Particulars		Number	Number of Students
Science	Under Graduate	8	1269
	Post Graduate	5	450
	Research center(s)	1	
Arts	Under Graduate	5	1021
	Post Graduate		
	Research center(s)		
Commerce	Under Graduate	1	3329
	Post Graduate	1	141
	Research center(s)		
Any Other (please specify)	Raghabpur Campus Under Graduate	3	120
	BBA Under Graduate	1	435
	B. Ed Post Graduate	1	100

16. Are there any UG and/or PG programmes offered by the College, which are not covered under Autonomous status of UGC? Give details.

Nil

17. Number of Programmes offered under (Programme means a degree course like BA, MA, BSc, MSc, B. Com etc.)

- | | |
|---------------------|-----|
| a. Annual System | Nil |
| b. Semester System | 22 |
| c. Trimester System | Nil |

18. Number of Programmes with

- | | |
|-------------------------------------|-----|
| a. Choice Based Credit System | 20 |
| b. Inter/Multidisciplinary Approach | 22 |
| c. Any other (specify) | Nil |



19. Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)(2014-15)

- (a) Including the salary component Rs. 31, 020 Per Annum
(b) Excluding the salary component Rs. 6, 492 Per Annum

20. Does the College have a department of Teacher Education offering NCTE recognized degree programmes in Education?

Yes ☒ No

If yes,

- a. How many years of standing does the department have?
54 years (From 1961)
- b. NCTE recognition details (if applicable) Notification No.:
▪ ERC / 7-23/2002/1138 dt. 09/12.04.2002,
▪ F.ERC/NCTE / (APE00026) / B.Ed. (Revised Order)/ 2015 / 31946 dt. 23/05/2015
- c. Is the department opting for assessment and accreditation separately?
Yes No ☒

21. Does the College have a teaching department of Physical Education offering NCTE recognized degree programmes in Physical Education?

Yes No ☒

If yes,

- a. How many years of standing does the department have?
..... years
- b. NCTE recognition details (if applicable) Notification
No.:
Date: (dd/mm/yyyy)
- c. Is the department opting for assessment and accreditation separately? NA
Yes No

22. Whether the College is offering professional programme?

Yes ☒ No

If yes, please enclose approval / recognition details issued by the statutory body governing the programme.

B. Ed. Course:

- ERC / 7-23/2002/1138 dt. 09/12.04.2002,
▪ F.ERC/NCTE / (APE00026) / B.Ed. (Revised Order)/ 2015 / 31946 dt. 23/05/2015

23. Has the College been reviewed by any regulatory authority? If so, furnish a copy of the report and action taken there upon.

Yes.



- ✚ NAAC review in November, 2011
 - ✚ Review of Autonomy by UGC in May 2013
 - ✚ Financial Audit conducted by DPI, Govt. of West Bengal
- The recommendations have been implemented.

24. Number of teaching and non-teaching positions in the College Current Academic Year 2014-15

Positions	Teaching faculty						Non-Teaching Staff		Technical Staff	
	Professor		Associate Professor		Assistant Professor					
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC / University / State Government										
<i>Recruited</i>	1	–	20	10	15	16	23	02	04	–
<i>Yet to recruit</i>	–	–	–	–	–	–	–	–	–	–
Sanctioned by the Management/society or other authorized bodies										
<i>Recruited</i>	–	–	3	0	80	91	116	11	–	–
<i>Yet to recruit</i>	–	–	–	–	–	–	–	–	–	–

*M - Male *F – Female

25. Qualifications of the teaching staff Current Academic Year 2014-15:

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	–	–	–	–	–	–	–
Ph.D.	1	–	14	9	26	23	73
M. Phil.	–	–	–	–	14	13	27
PG	–	–	8	1	43	25	77
Temporary teachers							
Ph.D.	–	–	–	–	–	–	–
M. Phil.	–	–	–	–	–	–	–
PG	–	–	–	–	22	07	29
Part Time Teachers							
Ph.D.	–	–	–	–	04	00	04
M. Phil.	–	–	–	–	–	–	–
PG	–	–	–	–	07	19	26

26. Number of Visiting Faculty/ Guest Faculty engaged by the College.29



27. Students enrolled in the College during the current academic year, with the following details: Current Academic Year 2014-15

Students	UG		PG		Integrated Masters	
	M	F	M	F	M	F
From the state where the College is located	3066	2095	166	187	44	101
From other states of India	524	369	20	31	8	34
NRI students	-	-	-	-	-	-
Foreign students	21	17	1	-	-	-
Total	3611	2481	187	218	52	135

Students	M. Phil.		Ph.D		Integrated Ph.D		D.Litt./ D. Sc	
	M	F	M	F	M	F	M	F
From the state where the College is located	-	-	-	-	-	-	-	-
From other states of India	-	-	-	-	-	-	-	-
NRI students	-	-	-	-	-	-	-	-
Foreign students	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-

Students	Certificate		Diploma		PG Diploma	
	M	F	M	F	M	F
From the state where the College is located	140	42	35	11	68	57
From other states of India	-	-	-	-	-	-
NRI students	-	-	-	-	-	-
Foreign students	-	-	-	-	-	-
Total	140	42	35	11	68	57

* M – Male * F – Female

28. Dropout rate in UG and PG (average for the last two batches)

UG	2014-15	0.2 %	PG	2014-15	Nil
	2013-14	0.2 %		2013-14	Nil

29. Number of working days during the last academic year. 263 Days

30. Number of teaching days during the last academic year.186 Days



31. Is the College registered as a study center for offering distance education programmes for any University?

Yes No ☒

If yes, provide the

a. Name of the University

b. Is it recognized by the Distance Education Council?

Yes No

c. Indicate the number of programmes offered.

32. Provide Teacher-student ratio for each of the programme/course offered

Name of the Department	Student : Teacher Ratio
UG	
Mathematics	1:26
Physics	1:13
Economics	1:32
Chemistry	1:15
Statistics	1:30
Computer Science	1:15
Microbiology	1:11
Mass Communication and Videography	1:14
English	1:26
Political Science	1:30
Sociology	1:30
Bengali	1:36
General	1:56
B. Com Morning	1:41
B. Com Evening	1:40
BBA	1:56
Raghabpur	1:13
PG	
Physics	1:4
Computer Science	1:10
Microbiology	1:6
M.Com	1:17
Biotechnology	1:28
Multimedia	1:30
B.Ed.	
Department of Education (B.Ed.)	1:14



33. Is the College applying for?

Accreditation: Cycle 1 Cycle 2 Cycle 3 ☒ Cycle 4

Re-Assessment:

34. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: 21/03/2003 Accreditation outcome/results: Grade A

Cycle 2: 30/11/2011 Accreditation outcome/results: Grade A 3.53 CGPA in Scale of 4

Cycle 3: (dd/mm/yyyy) Accreditation outcome/results

* Kindly enclose copy of accreditation certificate(s) and peer team report(s)

Cycle 1 refers to first accreditation; Cycle 2 and beyond refers to reaccreditation

35. a. Date of establishment of Internal Quality Assurance Cell (IQAC)

01/07/2004

b. Dates of submission of Annual Quality Assurance Reports (AQARs).

(i) AQAR for year 2010-11 on 11/11/2011

(ii) AQAR for year 2011-12 on 03/10/2012

(iii) AQAR for year 2012-13 on 19/12/2013

(iv) AQAR for year 2013-14 on 09/04/2015

(v) AQAR for year 2014-15 on 21/03/2016

36. Any other relevant data, the College would like to include. (Not exceeding one page)

- College of Excellence(2014).
- Heritage College (2015).
- DBT Star Scheme (2015)- running its second cycle.
- SXC has an Observatory known as Fr. Eugene Lafont Observatory, started in 1866, renovated in 2010 with FIST fund.
- SXC is the only college to have a EMMRC since 1986.
- SXC has started a rural campus at Raghampur in South 24 Parganas, around 21 kilometers from the main campus.
- St. Xavier's College Kolkata Educational Trust has the 35 (1) and (2) provisions for research fund.
- SXC began a novel project called 'Prayas' – college to village and village to college initiative to involve college students, forming them as men and women for others. Around 1200 village students are its beneficiaries.
- The Principal of SXC was appointed member of the West Bengal Education Commission to prepare a road map /vision document, 2030, for the state's education sector since October 2013. He is also a member of the Senate of the University of Calcutta.
- SXC has a century old library – The Goethals Indian Library and Research Society, with rare books and plates.
- SXC has been instrumental in starting 3 new colleges in West Bengal to contribute



to higher education:

- (a)SXC, Rajgung, North Bengal (2007)
- (b) SXC, Burdwan (2014)
- (c)SXC, Asansol (2015)
- SXC is in the process of starting a new university – St. Xavier's University, Kolkata, initially with MBA, MSW, MCOM, BBA and B.Com courses.



CRITERIA WISE ANALYTICAL REPORT

CRITERION I: CURRICULAR ASPECT

1.1 Curriculum Planning and Implementation





1.1.1 State the Vision, Mission and Objectives of the institution and describe how these are communicated to the students, teachers, staff and other stakeholders:

Mission Statement

History beckons. St. Xavier's College is a hundred and fifty-six years young. The institution is a metaphor for commitment, care and service. This momentous hour of the history of our college makes us, the Xaverian articulate our pledge for posterity, our 'vision' of the 'mission' of St. Xavier's College, our ambition and aspiration for future. We are proud of the progress of St. Xavier's College of today - a precious seed has prospered into a vital tree. The college has evolved into a nationally ranked, multifaceted, co-educational institution. As enunciated in its mission statement, St. Xavier's has, during the days of its journey welcomed those of all beliefs and traditions, and has respected and valued 'the diversity which their membership brings to the College Community.' Accommodation of such diversity has always been the abiding attribute of any Jesuit enterprise. Founded under the auspices of a particular religious denomination, we, today, find ourselves completely secular in character. We are determined to preserve this identity. We firmly believe that the distinctive Catholic and Jesuit character of the College, both in tradition and spirit is integral to our identity. St. Xavier's College can remain faithful to its heritage and extend its intent to meet the intellectual and spiritual challenges of the contemporary and future academic world. Working conscientiously and creatively, we shall promise to forge a vision of what St. Xavier's can be as a Catholic and Jesuit institution in the twenty-first century. The following version of our Vision Statement crystallizes our critical self-understanding of the Mission of St. Xavier's College. We are certain that it will further the prospects for an ongoing dialogue with our peers as we discover anew the Catholic and Jesuit dimensions of the future of the College. Rooted in the life, love and teachings of Jesus Christ and inspired by the Ignatian Vision of forming men and women for others, St. Xavier's continues to strive towards excellence in all spheres of activity.

Vision Statement

To promote a society based on love, freedom, liberty, justice, equality and fraternity.
Our Mission:

-  To become a center of excellence in Higher Education;
-  To excel in all areas of teaching-learning, evaluation, research, consultancy and extension activities;
-  To contribute to the creation of knowledge and to search for the meaning of life;
-  To provide education which is at par with international standards;



- ✚ To bridge the gap between the rural-urban divide and offering the benefits of education to the poor, marginalized, and needy, aiming at their amelioration and empowerment;
 - ✚ To ensure access to and equity in higher educational opportunity to all deserving and meritorious students with a preferential option for the poor and marginalized, irrespective of caste and creed;
 - ✚ To inspire and challenge all segments of the college to improve its standard to higher goals;
 - ✚ To offer subjects for competence building and motivate / animate a work force imbued with human values;
 - ✚ To become a home of culture and to consciously promote communal harmony and cultural integration to create an atmosphere of dialogue in the campus;
 - ✚ To promote academic exchange and academia-industry interfacing, taking advantage of the latest technology;
 - ✚ To develop application-oriented courses, with the necessary inputs of values, with a view to produce all-round development of persons;
 - ✚ To form young men and women of competence, commitment, conscience and compassion;
 - ✚ To foster an environment for meaningful global academic exchanges with regard to interface with foreign universities;
 - ✚ To contribute to the well-being of the nation without counting the cost; in the spirit of NIHIL ULTRA (Nothing Beyond), the motto of St. Xavier's;
- To focus on
- (a) Access to Knowledge.
 - (b) Knowledge-concepts.
 - (c) Knowledge-creation.
 - (d) Knowledge-application and
 - (e) Development of better knowledge services.
- ✚ Value Framework to accomplish our Mission.
 - ✚ Fostering passionate pursuit for academic and intellectual excellence.
 - ✚ Promoting social concern leading to action.
 - ✚ Cultivating uncompromising commitment towards enhancing the quality of life both at the organizational and societal level.
 - ✚ Instilling in student's integrity, perseverance and transparency.
 - ✚ Facilitating creativity and innovativeness in all endeavors.
 - ✚ Enabling leadership to become agents of social change and shape a better future.
 - ✚ Encouraging discipline, teamwork and collaboration.
 - ✚ Providing education with a human face.

The Vision and Mission is reflected in the design of curriculum for each of the courses the college offers, the student support structure that is in place, the facilities available to faculties, the certificate courses and additional academic support available to the students and the overall quality environment for promoting quality education.



1.1.2 Describe the mechanism used in the design and development of the curriculum. Give details on the process. (Need Assessment, Feedback, etc.)

The curriculum for the courses are developed keeping in mind the industry requirements and the feedback from the stakeholders.

Initially the proposed curriculum is developed by the faculties of the individual departments by taking into consideration

- + The stated objectives of the courses.
- + The latest developments in the industry related to the courses and the expectation from a student graduating the course.
- + The formal and informal feedback from the stakeholders related to curriculum from previous year, if available. The Principal also takes feedback from the students through students' parliament, a suggestion box installed at the Principal's office.
- + Specific usage of ICT and advanced techniques are also discussed.

The draft curriculum is reviewed by Principal and the Board of Studies members for final approval. The Board of Studies consists of members of senior faculties, external experts, industry experts and the student representatives. The proposed changes are subsequently incorporated and implementation schedule is finalized.

Curriculum is developed in consultation with industry experts such as Integrated Marketing Communication, Human Resource Management, Mass Communication and Public Relations, Logistics and Supply Chain Management, Foreign Trade Practices and Management, NSE certified Capital Market Professional Course and Tax Practices and Procedures.

1.1.3 How does the College involve industry, research bodies, and civil society in the curriculum design and development process? How did the College benefit through the involvement of the stakeholders?

The statute of the University mandates that the Board of Study should consist of external experts and subject experts from reputed institutes. The curriculum designed by the college is reviewed and finalized by the Board of Studies.

The faculties and the students also interact with the industry during live projects, attending seminars and providing inputs on the latest industry requirements.

The college also invites faculties of national repute for guest lecture and takes feedback on a number of aspects related to curriculum.

1.1.4 How are the following aspects ensured through curriculum design and development? * Employability * Innovation * Research.

Employability of the students has always been a key focus area for the curriculum design. Accordingly, supplementary certificate courses are also offered to the students. To promote the research culture among the students, faculties are encouraged to include research projects as a part of the curriculum.

Innovation has always been one of the key focus areas of our colleges. We have introduced innovative practices such as student seminars, live projects, using ICT



technologies for teaching learning. From the academic year 2015, we have planned to introduce online MCQ's accessible through mobile and computer with random question set for each student.

1.1.5 How does College ensure that the curriculum developed addresses the needs of the society and have relevance to the regional / national developmental needs?

- ✚ The Board of Studies includes external members and industry experts to ensure the courses are in tune with the regional and national developmental needs.
- ✚ The course content is displayed in the college website and prospectus and a feedback link is provided in the college website. The feedback is automatically analyzed and the recommendations are reviewed by the Board of Studies members periodically.
- ✚ Teachers also participate in syllabus-oriented workshops, orientation and refresher courses organized by various Universities and other Institutions and receive training, provided by the college, on effective usage of latest ICT techniques for effective dissemination of curriculum.

1.1.6 To what extent does the College use the guidelines of the regulatory bodies for developing or restructuring the curricula? Has the College been instrumental in leading any curricular reform which has created a national impact?

The College consults UGC model syllabi and the syllabi of University of Calcutta while developing the curriculum. In addition, the syllabi from a number of reputed foreign universities are also consulted while developing the curriculum.

As such there is no direct national impact. However, the students of St. Xavier's College, Kolkata, are recruited by national and international corporates, which is a testimony for the industry relevance of the courses.

Currently some members of our faculties function in the capacity of invited experts as members of Board of Studies of other institutions.

1.2 Academic Flexibility

1.2.1. Give details on the following provisions with reference to academic flexibility.

- a. **Core / Ancillary options:** The College offers Honours in Arts, Science, Commerce, and Business Administration. The B. A. and B. Sc Honours students study one major subject, two ancillary subjects and two compulsory subjects. The Core courses in Humanities are English, Political Science, Sociology and Bengali. These subjects are also offered as ancillary subjects with different combinations, for example – a student with Honours in English can take Political Science and Sociology as the combination subjects. In the Humanities department a degree in BA General is also offered to students with ancillary subjects such as English, Political Science, Sociology and Communicative English along with compulsory language subjects.



The core courses in Science are Mathematics, Physics, Economics, Chemistry, Statistics, Microbiology, Biotechnology, Computer Science, Mass Communication and Videography, Bachelor of Multimedia with specialization in Animation. These subjects are also offered as ancillary subjects with different combinations, for example – a student with Honours in Mathematics can take Physics and Computer Science as his/her ancillary subjects. Physics, Computer Science, Microbiology, Biotechnology and Multimedia with Animation are offered as Post Graduate programmes of study. Biotechnology and Multimedia with Animation (with exit option after three years) offers an integrated course of five years for the students.

The core courses in Commerce are Accounting and Finance, Marketing Management and E-Commerce. These subjects are also offered for ancillary combinations. Commerce also offers a Post Graduate Programme.

The core courses in Business Administration are Financial Management and Marketing Management. These subjects are also offered for ancillary combinations.

The new campus at Raghobpur, the rural face of St. Xavier's College, offers Honours in Bengali and Commerce and BA General Degree with the same ancillary and compulsory combinations as the main campus.

The College offers B. Ed course which is approved by NCTE.

b. Enrichment courses - The Foundation courses comprise:

1. Inter-Religious Studies and Social Harmony (FC1) and 2. Personality Development (FC2). Faculty members of different departments guide students in the final semester for competitive examination, entrance to Masters Programmes for Higher Studies.

c. Courses offered in modular form – All programmes of study involve a modular form of curriculum design.

d. Credit transfer and accumulation facility – The Credit Transfer arrangement is available to Foreign students in the International exchange Programmes. The Accumulation facility has not yet been incorporated in evaluative framework.

e. Lateral and vertical mobility within and across programmes and courses – Available.

1.2.2. Have any courses been developed specially targeting international students? If so, how successful have they been? If 'no', explain the impediments.

Yes, the Course named SAB375 (Ethnology of Selected Areas: Indian History, Society and Politics) has been specially developed for International Students who visit for one-semester exchange programmes. The course is popular among the foreign students coming from different countries – it gives them a panoramic perspective of Indian society and culture.

The College has also formulated a credit transfer policy keeping parity with the European and US credit system.

1.2.3. Does the College offer dual degree and twinning programmes? If yes, give details.



Dual degree was offered till 2013 academic session with IGNOU Convergence.

1.2.4. Does the College offer self-financing programmes? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programmes?

The following are the self-financing programmes offered by the College:

College Self-Financed Courses

▪ **PG –**

- ✚ Master in Commerce (Accounting and finance and Marketing Management) - Self Financed
- ✚ Master in Science (Computer Science) Self-Financed
- ✚ Master in Science (Microbiology) - Self Financed
- ✚ Master in Science (Integrated Biotechnology) - Self Financed
- ✚ Master in Science (Multimedia and Animation with an exit option in 3rd Year) - Self Financed
- ✚ Master in Science (Physics)- Self Financed

▪ **UG –**

- ✚ Bachelor in Commerce (Accounting and Finance, Marketing Management and E-Commerce) – Evening Course is Self-Financed
- ✚ Bachelor in Science (Microbiology – Honours) – Self Financed
- ✚ Bachelor in Science (Computer Science – Honours) - Self Financed
- ✚ Bachelor in Science (Mass Communication and Videography – Honours) - Self Financed
- ✚ Bachelor in Science (Multimedia and Animation) - Self Financed
- ✚ Bachelor in Business Administration (Marketing Management and Financial Management) - Self Financed

CAREER ORIENTED PROGRAMMES –

▪ **PG Diploma – Self Financing**

- ✚ Logistics and Supply-Chain Management (LSM)
- ✚ Human Resource Management (HRM)
- ✚ Marketing and Sales Management (MSM)
- ✚ Integrated Marketing Communication (IMC)
- ✚ Mass Communication and Public Relation (MCP)

▪ **Diploma - Self Financing**

- ✚ Certified Accounts Professional (CAP)
- ✚ Diploma in Multimedia and Animation

▪ **Certificate – Self Financing**

- ✚ N.S.E. Certified Capital Market Professional (NCCMP)
- ✚ Foreign Trade Practices and Management (FTM)
- ✚ Tax Practices and Procedures (TPP)

▪ **Diploma and Certificate Programmes – Self Financing**

- ✚ Certificate Course on Performing Arts
- ✚ DOEACC Computer Courses



The Career Oriented Programmes (COP) structure with respect to admission, fee structure, teacher qualification and salary has been designed in a manner independent of the aided courses.

The self-financed courses organized by the College conform to the admission, fee structure, teacher qualification and salary of the aided courses.

1.2.5. Has the College adopted the Choice Based Credit System (CBCS)? If yes, how many programmes are covered under the system?

All programmes in the College offers Choice Based Credit System. The following are the courses which covered under Choice Based Credit System (CBCS):

- **UG –**
 - ✚ Bachelor in Commerce (Accounting and Finance, Marketing Management and E-Commerce) – Aided in Morning and Self-Financing in Evening
 - ✚ Bachelor in Arts (Bengali – Honours)
 - ✚ Bachelor in Arts (English – Honours)
 - ✚ Bachelor in Arts (Sociology – Honours)
 - ✚ Bachelor in Arts (Political Science – Honours)
 - ✚ Bachelor in Arts (General)
 - ✚ Bachelor in Arts (History – Honours) Raghampur Newly Added
 - ✚ Bachelor in Science (Mathematics – Honours)
 - ✚ Bachelor in Science (Physics – Honours)
 - ✚ Bachelor in Science (Economic – Honours)
 - ✚ Bachelor in Science (Chemistry – Honours)
 - ✚ Bachelor in Science (Statistics – Honours)
 - ✚ Bachelor in Science (Microbiology – Honours)
 - ✚ Bachelor in Science (Computer Science – Honours) - Self Finance
 - ✚ Bachelor in Science (Mass Communication and Videography – Honours) - Self Finance
 - ✚ Bachelor in Science (Multimedia and Animation) - Self Finance
 - ✚ Bachelor in Business Administration (Marketing Management and Financial Management) - Self Finance
 - ✚ Bachelor in Education

1.2.6. What percentage of programmes offered by the College follows:

***Annual system**

*** Semester system**

*** Trimester system**

All the programmes in the College follow the semester system.



1.2.7. What is the policy of the College to promote inter-disciplinary programmes? Name the programmes and what is the outcome?

Revised Curriculum of 18 papers introduced from 2013, contains Major and ancillary subjects of equal weightage. This promotes the scope for Inter-Disciplinary programmes.

Details of the programmes (Students to choose any two ancillary options):

Major	Ancillary
English	Group A: - Political Science or Bengali or History
Sociology	Group B: - Sociology or Economics or Journalism
Political Science	Group C: - Film Studies or English
Bengali	
BA (General)	Sociology or History Political Science or Bengali
Mathematics	Physics and Computer Science Physics and Chemistry Statistics and Economics
Physics	Mathematics or Chemistry Mathematics or Computer Science
Economics	Mathematics and Statistics Mathematics and Political Science
Chemistry	Mathematics and Physics
Statistics	Mathematics and Economics Mathematics and Computer Science
Computer Science	Mathematics and Physics
Microbiology	Physics and Chemistry Computer Science and Chemistry
Biotechnology	All Compulsory Subjects
BMM	All Compulsory Subjects
B. Com (M) and (E)	All Compulsory Subjects in 1 st and 2 nd Year Choice of specialization in 3 rd Year <ul style="list-style-type: none"> Accounting and Finance Marketing Management E-Commerce
BBA	All Compulsory Subjects in 1 st and 2 nd Year Choice of specialization in 3 rd Year <ul style="list-style-type: none"> Financial Management Marketing Management
M. Com	<ul style="list-style-type: none"> Finance Marketing Management
B. Ed.	English, Geography, History, Political Sc. Education, Biology, etc.



Outcome: The students receive a wider perspective of related academic areas and hence emerge more equipped for diverse further studies.

1.3 Curriculum Enrichment

1.3.1 How often is the curriculum of the College reviewed for making it socially relevant and/or job oriented / knowledge intensive and meeting the emerging needs of students and other stakeholders?

The syllabus is reviewed every year. The Board of Studies considers

- + Feedback by all stakeholders on curriculum from the feedback link placed in the website.
- + Feedback by eminent faculties visiting the campus.
- + Feedback and recommendations from the faculty members and industry experts.

1.3.2 How many new programmes at have been introduced UG and PG level during the last four years? Mention details.

* Inter-disciplinary programmes in emerging areas

The following are the UG and PG courses introduced in the College in the last four year (2010-11 to 2013-14):

- + In Park Street Campus (Park Street, Kolkata)
 - Bachelor of Multimedia (BMM) was introduced in the year 2010-11
 - Microbiology (PG) was introduced in the year 2010-11
 - Bengali (Honours) was introduced in the year 2012-13
- + In Raghobpur Campus (Raghobpur, Kolkata)
 - Bengali (Honours) was introduced in the year 2014-15
 - B. Com (Honours) was introduced in the year 2014-15
 - BA Gen was introduced in the year 2014-15
 - Approval for History (Honours) to be introduced from the session 2015-16
- + In St. Lawrence Campus (Ballygunge, Kolkata)
 - Approval for B. Com (Honours) to be introduced from the session 2015-16, 3 sections with 70 Student each.

1.3.3 What are the strategies adopted for revision of the existing programmes? What percentage of courses underwent a major syllabus revision?

As the college applied for autonomy, all of our major programmes were revised according to the vision and mission of the college.

As noted in question 1.3.1, the Board of Studies reviews feedback from various stakeholders and suggestions for changes are noted. The changes are reviewed and approved by the Academic Council and the Principal and subsequently changes are made and a roll out schedule is prepared. Accordingly, syllabi for a number of courses have been revised in the recent past.



1.3.4 What are the value-added courses offered by the College and how does the College ensure that all students have access to them?

As the college is an autonomous institution, the college has flexibility in offering value added courses and making it mandatory. The following are the value added and enrichment courses:

(A) The Foundation courses comprise two courses taught in the 1st year (Semester 1 and Semester 2) -

1. Inter –Religious Studies and social Harmony (FC1) and 2. Personality Development (FC2). Faculty members of different departments guide students in the final semester for competitive examination, entrance to Masters Programmes for Higher Studies.

(B) The Career Oriented Programmes Courses:

- PG Diploma – Self Financing
 1. Logistics and Supply-Chain Management (LSM)
 2. Human Resource Management (HRM)
 3. Marketing and Sales Management (MSM)
 4. Integrated Marketing Communication (IMC)
 5. Mass Communication and Public Relation (MCP)
- Diploma - Self Financing:
 1. Certified Accounts Professional (CAP)
- Certificate – Self Financing:
 1. N.S.E. Certified Capital Market Professional (NCCMP)
 2. Foreign Trade Practices and Management (FTM)
 3. Tax Practices and Procedures (TPP)
- Diploma and Certificate Programmes – Self Financing:
 1. Certificate Course on Performing Arts

(C) Computer Centre Courses:

1. DOEACC Computer Courses
2. Diploma in Multimedia and Animation

(D) Human Rights Courses:

- Diploma and Certificate Programmes – Aided
 1. Foundation Course in Human Rights and Duties Education
 2. Under Graduate Course in Human Rights and Duties Education

(E) IAS Guidance Centre:

1. IAS Guidance Centre

The details of these courses are available in the prospectus and College website.

1.4 Feedback System

1.4.1 Does the College have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?

Fr. Principal takes feedback from the students through student's parliament, suggestion box installed at the Principal's office.



A feedback link is also placed in the college website and all stakeholders may provide feedback on curriculum through the link. The data is automatically analyzed by the software and the reports are created.

The feedback reports are reviewed by the members of Board of Studies and suggestions are noted and subsequently incorporated into the curriculum if appropriate, after taking necessary approvals from the Academic Council and the Management.

1.4.2 Does the College elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods adopted to do the same - (conducting webinar, workshop, online forum discussion etc.). Give details of the impact on such feedback.

The college has a mechanism to collect feedback from national and international faculties.

- ✚ Feedback is taken from the faculties visiting campus for guest lecture or seminars.
- ✚ Feedback link is provided in the college website for taking feedback on curriculum.
- ✚ The Board of Studies also includes reputed national and international faculties.

1.4.3 Specify the mechanism through which alumni, employers, industry experts and community give feedback on curriculum enrichment and the extent to which it is made use of.

Feedback link is provided in the college website through which the alumni, employers, industry experts and community may provide feedback on curriculum.

Feedback is obtained from the present and past employers by the placement cell through formal and informal interactions.

The feedback is analyzed and the reports are reviewed by the members of Board of Studies. Suggestions are noted and as applicable, implemented after taking approvals from the Academic Council and the management.

1.4.4 What are the quality sustenance and quality enhancement measures undertaken by the institution in ensuring effective development of the curricula?

The curriculum is developed in tune with the Vision and Mission of the institution and the Jesuit Society to promote quality education. Periodic reviews are in place to ensure timeliness and appropriateness of the syllabi. Feedback is obtained from various stakeholders through the college website and through interaction with various stakeholders.

To assess the outcome of the stated objectives of curriculum, the college conducts unit tests, selection tests and collects informal assessments/observations from the students from time to time.

The Controller of Examination with the Principal, Vice Principals and Member Secretary, Academic Council conduct regular assessment of student performance in every semester with the aid of statistical analysis.



CRITERION II: TEACHING LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1.1 How does the college ensure publicity and transparency in the admission process?

Publicity:

The institution ensures wide publicity through Electronic and Print Media for admission. Through the well-structured College website, the students have accessibility to the required information related to the courses and admission process. Heritage and excellence of 156 years, the selfless management based on Jesuit charism, eminent faculty, well-placed alumni/ae, consistent outstanding results, placement achievements, apolitical environment, well established discipline and immense contribution to the society ensure continuous publicity.

Transparency:

Transparency is a distinguishing feature of the institution which is also reflected in the admission process. Transparency is implemented and ensured through:

- ✚ Well defined admission policy, declared through the College website.
- ✚ Constitution of admission committee with well-defined roles and responsibilities.
- ✚ Effective admission help desk.
- ✚ Dissemination of information through the college website and notice board.
- ✚ Publication of eligibility criteria and selection procedure on College website.
- ✚ Detailed and structured online application process.
- ✚ Automated admission process through computer software eliminates any manual intervention.
- ✚ Timely acknowledgement and notification of admission status through College website.
- ✚ Publication of selection list and course-wise cut off on College website.
- ✚ Compassionate and patient redressal of grievances related to admission by the Vice Principals.

2.1.2 Explain in detail the process of admission put in place for UG, PG and Ph.D. programmes by the College. Explain the criteria for admission (Ex. (i) merit, (ii) merit with entrance test, (iii) merit, entrance test and interview, (iv) common test conducted by state agencies and national agencies (v) others followed by the College.

The admission process is controlled by the college. Students apply online in the college website. Subsequently,

- ✚ For UG courses, admission procedure is primarily based on academic records, admission tests and interviews are conducted by some departments.
- ✚ Admission to PG courses is based on UG Score and interviews.

For UG courses

- ✚ Students may apply online after publication of results.



- ✚ Students having passed 10+2 may apply for any or as many courses of their choice indicated below provided they fulfill the eligibility requirements:

B.A. (for both boys and girls)

- ✚ English Honours
- ✚ Political Science Honours
- ✚ Sociology Honours
- ✚ Bengali Honours
- ✚ B.A. General

B.SC. (for both boys and girls)

- ✚ Physics Honours
- ✚ Chemistry Honours
- ✚ Mathematics Honours
- ✚ Statistics Honours
- ✚ Computer Science Honours
- ✚ Economics Honours
- ✚ Microbiology Honours
- ✚ Mass Communication and Videography

B.COM Honours

- ✚ B.COM [MORNING] (for boys only)
- ✚ B.COM [EVENING] (for both boys and girls)

B.B.A. Honours (for both boys and girls)

B.M.M. – Bachelor of Multimedia with Specialization in Animation (4 years degree course) - (for both boys and girls)

M.Sc. - Biotechnology (5-year integrated course) (for both boys and girls)

B.A. Bengali Honours students may write the ancillary papers in Bengali.

ENGLISH PROFICIENCY FOR FOREIGN STUDENTS

- ✚ Foreign students who did not have English as a medium of instruction in school, will have to fulfill the requirement of proficiency in English. These students have to produce a Certificate stating their proficiency in written and spoken English from a recognized institute.
- ✚ All foreign students will also be interviewed / required to appear for a written English Language proficiency test prior to their admission.

CATEGORIES OF ADMISSIONS

- ✚ CATEGORY I: GENERAL, selected on merit.
- ✚ CATEGORY II: Catholics, and other Christians.
- ✚ CATEGORY III: SC, ST, economically challenged, physically challenged, outstanding sports persons, NCC Cadets and schools administered by the Calcutta Province of the Society of Jesus.
- ✚ CATEGORY IV: Sons and daughters of College Alumni Association members with long standing record of service to College and society.
- ✚ These students of Category II and III who do not have the minimum required aggregate marks of 60% for applying, but have 45% in every subject, may meet



the Principal / Vice-principal as per the schedule given below, for special permission to apply. Special arrangement is made in the college, for these students of Category II and III.

- ✚ Economically challenged students from a poor background may meet the Principal / Vice-principal for consideration.

NCC CADETS:

- ✚ NCC cadets of the Army wing only, may appear for an interview, in uniform.
- ✚ Cadets who have appeared for "B" certificate examination in 2014 or who have attended national level camps will be given special preference.
- ✚ Sports Persons will have to appear for Trials in their respective field for consideration under this category.
- ✚ Along with the trials, they will follow the normal admission procedure like admission test / interview etc.

ADMISSION TO RAGHABPUR CAMPUS:

From the session 2014-15, St. Xavier's College (Autonomous) is introducing a Rural Campus at Raghampur, Nepalganj for the rural students of South 24 Parganas.

Courses to be offered:

- Bengali Honours with Political Science and History as ancillary subjects
- B.Com. Honours
- B.A. General

Only candidates residing at South 24 Parganas are eligible to apply.

For M.Com.(Minimum marks to apply: 55% in B. Com [Honours.] Or BBA (50% for SC/ST/ Christian minority students)

Admission is based on admission test only. Students, who have scored an average of minimum 55% in Honours. Papers in Part I and Part II under University of Calcutta or any UGC approved university in India, and have appeared in Part III in 2014 (result pending) may also apply; the admission, however, shall be provisional, subject to the fulfillment of minimum eligibility criteria.

Students having arrear in any paper in B.Com / BBA need not apply. Students doing accounting Honours may apply for master of marketing management; but students doing marketing Honours cannot apply for M.Com. with accounting and finance specialization.

M.Sc. Computer Science - ADMISSION (2014-2015) ELIGIBILITY CRITERIA

- ✚ B.Sc. in Computer Science or its equivalent like BIT/ BCA having passed Mathematics (Business Mathematics not eligible) in 10+2 level. (Those students who have completed their 2nd year University Examination in 2013 and awaiting 3rd year Examination Results are also eligible.)
- ✚ Correspondence/ Distance education courses are not eligible.
- ✚ Admission is provisional and it will be finalized subject to passing the B. Sc or equivalent with a minimum of 60%.
- ✚ The principal criterion adopted for admission is merit. However, as a minority institution, the college offers a lower cutoff to the Christian students. Again,



special considerations are granted to the students with outstanding achievements in sports at national and international level.

- ✚ Physically challenged students. The final list of selected students is prepared after departmental counselling (in some departments) and displayed in the college website as well as college notice boards.

2.1.3 Does the College have a mechanism to review its admission process and student profiles annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?

An admission committee is formed consisting of the Principal, Vice Principals, and members of representative communities. At the end of the admission process, the process of admission itself is reviewed and inputs are taken for the betterment of the admission process. Regular review of the admission policy is also conducted in the Academic Council meetings. In addition, students' profiles are also analyzed by using an admission software and the summary is scrutinized by the Principal and management.

2.1.4 What are the strategies adopted to increase / improve access to students belonging to the following categories?

*** SC/ST/OBC**

There is a 25% reservation for SC, ST, OBC A and OBC B categories. Financial assistances are provided to the students as applicable.

*** Women**

Except for B. Com Morning, which is for Boys, St. Xavier's college has girl students for all other courses. The girls feel comfortable in the academic environment of the college. A women's cell is set up in the college that conducts workshops to sensitize students about gender issues. A mechanism is in place to promptly address any issues related to sexual harassment. No such issues, however, was reported to the college management.

*** Different categories of persons with disabilities**

In general, the campus is friendly for disabled. Elevators are in place to enable access to higher floors. The office is in the ground floor for easy access. Initiatives such as XRCVC, started by St. Xavier's College, Mumbai, may also be incorporated in St. Xavier's College, Kolkata in future.

***Economically weaker sections**

- ✚ St. Xavier's College has always endeavored to make its educational services available to the lower income groups by providing generous concessions. Students in need of concession should meet the Vice-Principal.
- ✚ An attempt was made to increase the fund on the occasion of the 125th Anniversary Celebrations of the College in 1985. The response has been very generous. The following scholarships are offered:
 - » Late Rukmini Devi Goenka Scholarship
 - » Infar (India) Scholarship



- » Smt. Panna Devi Kanoi Scholarship
- » Smt. Kamala Devi Budhia Scholarship
- » K. Agarwal Scholarship
- » Sri Baldeodas Shah Scholarship
- » Nripendra Pd. Ray Scholarship
- » Puranachandra Memorial Scholarship
- » Late Deb Narain Chaudhuri Scholarship
- » Late Jamnadhhar Saraf Scholarship
- » Shefali and Nishith Mukherjee Scholarship
- » R. F. De Souza Scholarship
- » Lt. Abhishek Ray Choudhury Memorial Scholarship
- » Arindam Chakravarty Memorial Scholarship
- » Shilpi Bhargava Memorial Scholarship
- » Lal Chand kanoi Scholarship
- » Uma Kanta Agarwal Scholarship
- » Fr. Joris Memorial Scholarship
- » Luxmi Baid Memorial Scholarship
- » Late Prof. D. K. Ghosh Scholarship
- » Manoj Mody Memorial Scholarship
- » Prabudha Bhattacharya Memorial Scholarship (for 3 best projects in III year Computer Science)
- » Late Raj Prakesh Mall Scholarship
- » Mamraj Agarwala Scholarship
- » Dr. Basudeb Banerjee Memorial Scholarship (on merit cum need basis for one M.Sc. Physics and M.Sc. MCB)
- » Smt. Manbhawati Devi Agarwal Scholarship to sponsor one student of Commerce (M)
- » Mrs. Hiroo Hiranandani Scholarship
- » Arvind Kumar Khaitan Scholarship
- » Prof. Jnanada Kanto Ganguly Scholarship for best English student

The College recognizes excellence in academic achievements by giving gold medal awards to meritorious students:

- » Fr. Jacques De Bonhome S.J. Memorial Gold Medal Award
- » Fr. Achille Verstraeten S.J. Memorial Gold Medal Award
- » Fr. Franz Goreux S.J. Memorial Gold Medal Award
- » Fr. Henri Depelchin S.J. Memorial Gold Medal
- » Fr. Joseph Maliyekal S.J. Memorial Gold Medal Award
- » Fr. Paul Joris S.J. Memorial Gold Medal Award
- » Fr. Joseph D'Souza S.J. Memorial Gold Medal Award

Other memorial gold medals are:

- » Mira Memorial Gold Medal



- » Dr. Ranjan Ray Memorial Gold Medal
- » B. K. Roy Memorial Gold Medal
- » Parpati Chandumal Shahani Memorial Gold Medal
- » Soumitra Biswas Memorial Gold Medal Award
- » Late Dadheshyam Roy Memorial Gold Medal Award
- » D. K. Ghosh Memorial Gold Medal Award
- » Ishani Dutta Memorial Gold Medal Award
- » Pratap Chandra Sarkar Memorial Prize
- » Prof. H.K. Sarkar Memorial Prize
- » Dr. Ranjan Ray Memorial Prize
- » Hirendra Mohan Mitra Memorial Prize
- » Ashish Palit Memorial Prize
- » Ram Ghosh Encouragement Awards
- » Taparupa Sen Memorial Prize
- » Shri Harsh Chandra Baldwa Memorial Award
- » Sandip Darolia Memorial Award
- » Prabudha Bhattacharya Memorial Prize
- » Gold Medal Award for Best Sports Person of the year
- » Gold Medal Award for Best NCC Performance of the year

***Outstanding achievers in sports and extracurricular activities**

Sports Persons will have to appear for Trials in their respective field for consideration under this category.

Excellence in sports is recognized by gold medals to the best sports person of the year. Other prizes in sports are given to winners on the annual sports day organized by the College.

Along with the trials, they will follow the normal admission procedure like admission test / interview etc.

However, before the preparation of the final selection list, the college reviews the student profiles through a number of parameters and if the representation of any group of students is found to be inadequate, corrective actions are implemented.

2.1.5 Furnish the number of students admitted in the College in the last four academic years.

Categories	Year 1 (2010-11)		Year 2 (2011-12)		Year 3 (2012-13)		Year 4 (2013-14)		Year 5 (2014-15)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
SC	116	62	138	78	136	87	165	99	149	106
ST	147	107	131	132	154	147	167	195	193	190
OBC	83	36	71	50	76	61	88	72	101	63
General	3078	2180	3085	2324	3288	2495	3443	2500	3409	2541

We are furnishing the details of the admission data of the institution for the last five years.

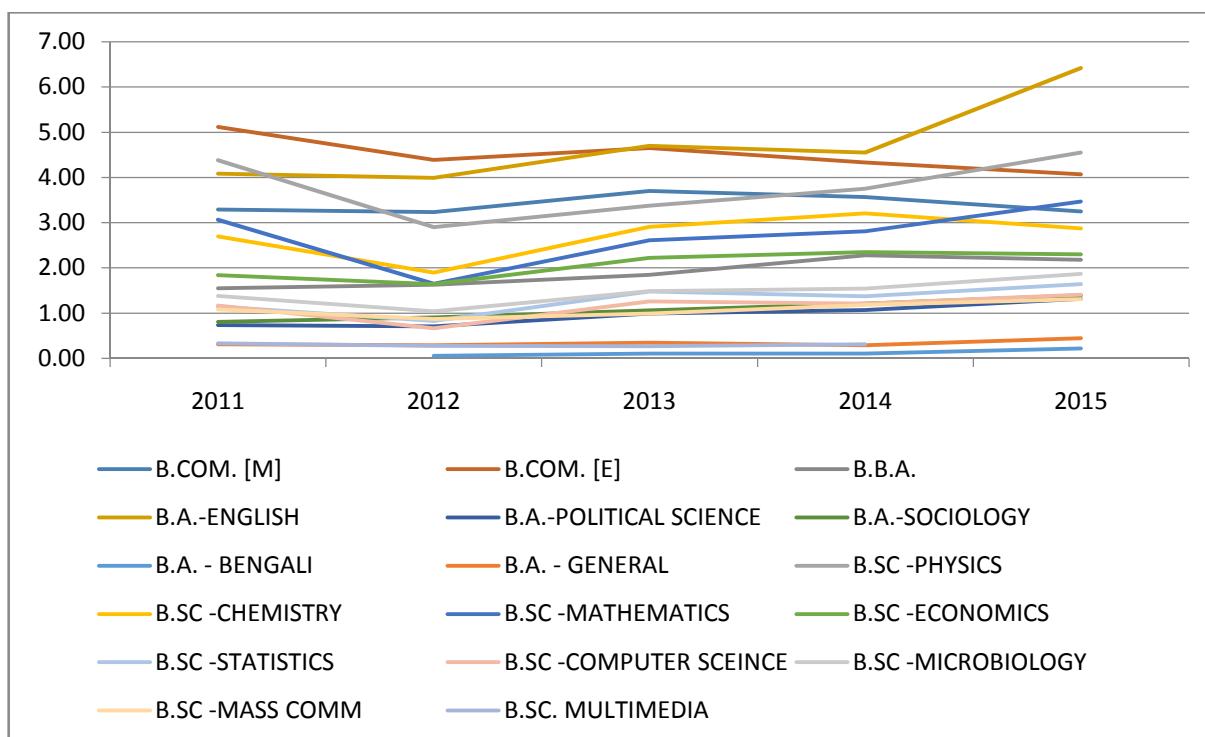


2.1.6 Has the College conducted any analysis of demand ratio for the various programmes offered by the College? If so, indicate significant trends explaining the reasons for increase / decrease.

The increase in the demand of significant number of courses can be attributed to quality assurance in terms of teaching-learning evaluation in different subjects over the years.

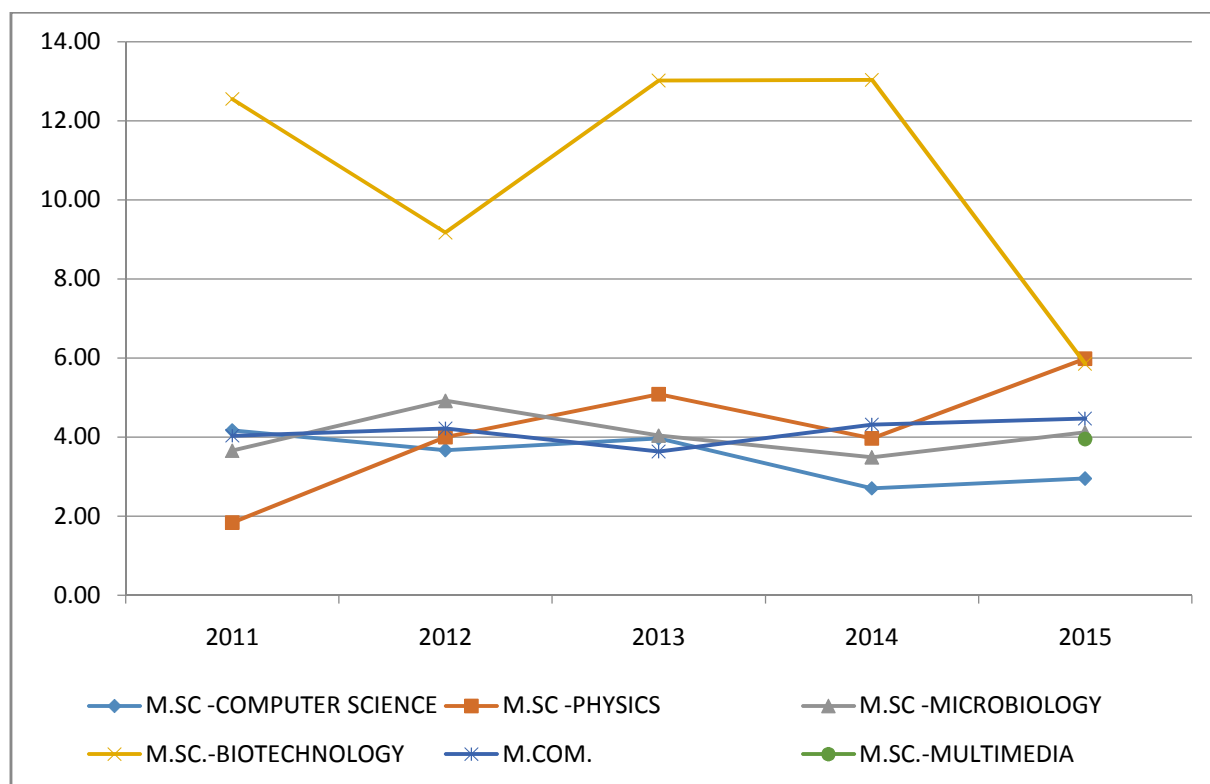
UG COURSES:

S.NO.	COURSE	No of Seats	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
1	B.COM. [M]	750	2469	2425	2775	2676	2438	3.29	3.23	3.70	3.57	3.25
2	B.COM. [E]	375	3835	3289	3488	3249	3051	5.11	4.39	4.65	4.33	4.07
3	B.B.A.	150	1162	1222	1383	1710	1634	1.55	1.63	1.84	2.28	2.18
4	B.A.-ENGLISH	60	3063	2995	3522	3413	4810	4.08	3.99	4.70	4.55	6.41
5	B.A.-POLITICAL SCIENCE	60	555	535	747	807	990	0.74	0.71	1.00	1.08	1.32
6	B.A.-SOCIOLOGY	60	608	682	798	906	1045	0.81	0.91	1.06	1.21	1.39
7	B.A. - BENGALI	60		47	85	84	167		0.06	0.11	0.11	0.22
8	B.A. - GENERAL	75	235	218	258	219	334	0.31	0.29	0.34	0.29	0.45
9	B.SC -PHYSICS	50	3286	2175	2531	2813	3415	4.38	2.90	3.37	3.75	4.55
10	B.SC - CHEMISTRY	50	2021	1422	2182	2404	2156	2.69	1.90	2.91	3.21	2.87
11	B.SC - MATHEMATICS	60	2299	1240	1959	2109	2602	3.07	1.65	2.61	2.81	3.47
12	B.SC - ECONOMICS	65	1378	1230	1669	1765	1728	1.84	1.64	2.23	2.35	2.30
13	B.SC -STATISTICS	60	857	621	1108	1027	1230	1.14	0.83	1.48	1.37	1.64
14	B.SC -COMPUTER SCIENCE	60	875	499	947	908	1056	1.17	0.67	1.26	1.21	1.41
15	B.SC - MICROBIOLOGY	50	1034	780	1115	1158	1404	1.38	1.04	1.49	1.54	1.87
16	B.SC -MASS COMM	50	813	654	742	887	983	1.08	0.87	0.99	1.18	1.31
17	B.SC. MULTIMEDIA	60	249	211	205	232		0.33	0.28	0.27	0.31	



PG COURSES:

S.NO.	COURSE	No of Seats	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
1	M.SC -COMPUTER SCIENCE	60	250	220	238	162	177	4.17	3.67	3.97	2.70	2.95
2	M.SC -PHYSICS	24	110	240	305	238	359	1.83	4.00	5.08	3.97	5.98
3	M.SC -MICROBIOLOGY	45	219	295	242	209	247	3.65	4.92	4.03	3.48	4.12
4	M.SC.-BIOTECHNOLOGY	45	753	550	781	782	351	12.55	9.17	13.02	13.03	5.85
5	M.COM.	60	242	253	218	259	268	4.03	4.22	3.63	4.32	4.47
7	M.SC.-MULTIMEDIA	60					237					3.95



2.1.7 Does the College have a mechanism through which the “differential requirements of student population” are analyzed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?
No.

2.2 Catering to Student Diversity

2.2.1 Does the College organize orientation / induction programme for freshers? If yes, give details of the duration of programme, issues covered, experts involved and mechanism for using the feedback in subsequent years.

An orientation session is organized for the students at the beginning of the course. Sometimes, separate orientation sessions are organized for students of different faculties, to provide attention to details that may be only applicable to that discipline. Some of the topics discussed in the orientation session include

- ✚ College Vision and Mission
- ✚ General conduct
- ✚ Attendance system
- ✚ Examination system
- ✚ Committees
- ✚ Students services
- ✚ Clubs
- ✚ Student support activities
- ✚ Library



- ✚ Placement cell
- ✚ Counselling service
- ✚ Women's cell
- ✚ Gym and sports facilities
- ✚ NSS
- ✚ AICUF (All India Catholic University Federation)
- ✚ NCC
- ✚ LTS (Leadership Training Service)

The induction programme is conducted by the Rector, Principal, Vice-Principals and Deans

2.2.2 Does the College have a mechanism through which the “differential requirements of student population” are analyzed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?

- ✚ The college has a structured mentoring programme where the different needs of the students are analyzed by the mentors through informal interaction with the students.
- ✚ The faculties, in the course of taking regular classes for the students, identifies special requirements of the students.
- ✚ The class representatives of every class also communicates specific needs, if any.

In case a specific need is identified, appropriate actions are taken to address it immediately. For example, the students who are not so proficient in English, are directed to enroll in the language lab.

The mentors and the faculties provide additional support to the students beyond the regular class hours as necessary.

2.2.3 Does the College provide bridge /Remedial /add - on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise?

Bridge Courses are being offered in some programmes of studies in the main campus and the Raghobpur Campus.

Profile mapping of the students is conducted through

- a. detailed and elaborate admission process;
- b. interview of each student with the respective vice principals.

Again, orientation of the newly admitted candidates is conducted within the first month of admission.

However, if a student is found deficient, or is a slow learner, immediate measures through remedial and tutorial classes are introduced to ensure that the student is raised to the required bar.

In addition, once the students who would require special assistance are identified, tutorial classes and remedial courses are organized for such students to enable them to cope up with the programmes of study they have chosen.



If the number of students requiring such attention is more, formal remedial coaching classes are conducted through UGC funding. The details of such students are recorded by the departments and formal attendance is taken for every class.

2.2.4 Has the College conducted a study on the incremental academic growth of different categories of students; - student from disadvantaged sections of society, economically disadvantaged, physically challenged and slow learners etc.? If yes, give details on how the study has helped the College to improve the performance of these students.

The Controller's office reviews the results data with the help of a software after result is declared for every examination. In the process, academic progression for different groups of students is reviewed with the Principal and the suggestions are noted to improve the performance of the disadvantaged sections of the society.

The respective faculties are also appraised of the findings and the recommended actions. The faculties, in turn, provide extra support to the students outside the classes to improve their academic performance.

2.2.5 How does the institution identify and respond to the learning needs of advanced learners?

The faculties monitor the way students respond in class. Based on this observation the advanced learners are identified.

The students are provided with additional guidance after the classes whenever necessary. The faculties also provide these students with study material. Specialized facilities such as JStor, Infilbnet are available to the meritorious students in the library for academic use.

At the departmental level, mini research projects are arranged by some departments for advanced learners to promote research orientation among the students.

The students are encouraged to participate in intra-college and inter-college projects. They are members in active research conducted in collaboration with the faculty.

2.2.6 How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?

Govt. policies for differently-abled students are followed. In addition, a number of facilities are offered to the differently-abled students

- ✚ Diverse facilities such as the ramps at various entry points of the college building.
- ✚ Access to lift usage.
- ✚ The library is manned by adequate number of assistants to help the students according to their individual needs.
- ✚ PWD washrooms and drinking water facilities are made available to the students.

2.3 Teaching-Learning Process



2.3.1 How does the College plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan and evaluation blue print, etc.)

- ✚ The college has a process where in the academic plan for the year is prepared at the beginning of the session.
- ✚ The Academic Council meeting is held at the beginning of every session before the commencement of the course in order to prepare the academic plan for the semester. Each semester has about 15 weeks including teaching and examination days. The faculties are also asked to give their part of input for the preparation of this calendar. Based on the input, an academic plan is prepared.
- ✚ This academic calendar once prepared is circulated to all the departments.
- ✚ The HODs of the departments assign the courses to each of the faculties and the faculties are asked to submit a detailed session plan for the subjects.
- ✚ Based on the academic calendar, the time table is created. The time table is available in the college website and in the student portal.
- ✚ Each session plan submitted is thoroughly checked by the HODs of each department and the same is also communicated to the IQAC coordinator.
- ✚ The college also organizes a meeting for monitoring the process of curriculum delivery at the midsession called the midterm review meeting to check for any deviation from the allotted session plan. Corrective actions, such as organizing extra classes are taken if necessary.
- ✚ The examination notice is put up in the college notice board and exams are conducted as per schedule. Central evaluation is organized for each examination.
- ✚ Students are shown the corrected answer scripts after exam and the model answers are discussed with the students.
- ✚ The students have the option of applying for re-evaluation if necessary.
- ✚ From the year 2015 online examination is introduced for continuous internal assessment for all subjects. Under this process question bank is created for all the subjects. When the student's login a random set of questionnaire is created for each student. The assessment result is available for the faculties.
- ✚ An e-campus programme has been introduced by the College in collaboration with Epaathsala. In this programme the students may submit their assignments and they may access additional learning materials uploaded by the faculties through the online portal.

2.3.2 Does the College provide course outlines and course schedules prior to the commencement of the academic session? If yes, how is the effectiveness of the process ensured?

The course content and the structure is made available to the students in the college website and the prospectus. The students may check the details online.

If there is a pre requisite for any course, the same is communicated to the students in advance before the commencement of the course.



A question bank is also made available to the students for practice examinations. Questions papers of previous years are also available in the college website for download.

2.3.3 What are the courses, which predominantly follow the lecture method? Apart from classroom interactions, what are the other methods of learning experiences provided to students?

In general, all the courses follow a lecture method. However, other than lecture a number of other methods are followed by individual faculties such as

- ✚ Self-learning through presentations
- ✚ Case studies and group discussions
- ✚ Project works
- ✚ Industrial visits
- ✚ Live projects and internships
- ✚ All online content used by the faculties for the purpose of teaching learning is made available through an e-campus programme. Through this programme the students may login to the e-campus through the College website and access all the content.

2.3.4 How is 'learning' made more student-centric? Give a list of participatory learning activities adopted by the faculty that contribute to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.

- ✚ Participatory learning is one of the key areas of focus in St. Xavier's College, Kolkata.
- ✚ Faculties are encouraged to make use of student-centric methods in teaching learning like group discussions, quiz on subject topics etc. Students are encouraged to participate in seminars and make individual class presentations using powerpoint method.
- ✚ Term papers and dissertations are a part of the curriculum for a number of subjects where the students work in a group and submit the project report to the concerned faculties.
- ✚ In line with the education philosophy of the Jesuit Institutions, blended learning is practiced in some departments where the conventional lectures are supplemented with online course content and online group discussions. The college uses epaathsala software for this purpose.
- ✚ As a part of e-campus programme an online forum is made available. Through this programme students can post their queries on various topics. These queries may be answered by the faculties or by the fellow students.
- ✚ In addition to the online forum the e-campus also contains options for discussion on the learning materials uploaded by the faculties.



2.3.5 What is the College policy on inviting experts / people of eminence to provide lectures / seminars for students?

In order to promote a quality learning environment, the college invites eminent faculties and industry experts at departmental level and college level to address the students on academic issues as well as issues of social relevance. Feedback is taken from the experts on college curriculum and the quality of interaction.

In the past 4 years, the following faculties and experts visited our campus.

- » April 1, 2015: - Dr. Bibash Chakraborti, Formerly of NPL, New Delhi, delivered a talk entitled “Surface characterization using Electron and beam spectroscopy.
- » July 10, 2014: - Dr. Probir Roy, DAE Raja Ramanna Fellow, SNIP delivered a lecture entitled “Dark Energy of the Universe”.
- » July 18, 2014: - Prof. Joydeep Dutta, Chair in Nanotechnology, Sultan Qaboos University delivered a talk entitled “Nanotechnology and water desalination”.
- » August 8, 2014: - Science Academics Lecture Workshop on ‘Physics of Electronic Materials’. The seminar was sponsored by the Indian Academy of Sciences, Indian National Science Academy, The National Academy of Sciences of India. Prof. Arup Roy Chaudhuri, Prof. S. K. Roy, Prof. Indrani Bose, and Prof. D. N. Bose gave talks at the workshops.
- » 1st November, 2014: - Prof. Manabendra Mandal (Chairman and National coordinator of Action against Trafficking and Sexual Exploitation of Children, India and Visiting faculty of University of Calcutta) participated as a key speaker.
- » 7th March, 2014: - Prof. Sukanta Bose of the Physics Department of Washington State University and Head of LIGO India, delivered a talk on “Seeing and hearing gravitational wave sources”.
- » 24th March, 2014: - the 2nd Father Vestraeten Memorial Lecture was delivered by Prof. T. V. Ramakrishna, Emeritus Professor of Physics, Benaras Hindu University.
- » 8th July, 2013: - An International Seminar “The Unknowable and the counterintuitive” was organized jointly by Physics and EVS departments. The speakers were Dr. Aleksandar Zecevic, Professor of electrical Engineering of Santa Clara University, USA,
- » Swami Atmapriyananda, Vice Chancellor, R K Mission Vivekananda University, Belur Howrah and Rev. Dr. Xavier Savairamuthu, Head, Department of Environmental Studies at SXC, Kolkata.
- » 19th and 20th July, 2013: - A lecture workshop by the Science Academics was organized. The speakers were Prof. Amitava Raychaudhuri, J. C. Bose fellow in the Physics Department of Calcutta University, Dr. Ananda Dasgupta of IISER, Kolkata, Prof. Anirban Bhattacharyya, of the Institute of Radio physics and Electronics, Calcutta University, Prof. Bikash Chakraborty of SINP, Kolkata.
- » 11th September, 2013: - Renowned scholar Professor Shobhanlal Dutta Gupta delivered a lecture entitled ‘The Political Philosophy of Hegel’ to students and teachers.



2.3.6 What are the latest technologies and facilities used by the faculty for effective teaching? Ex: Virtual laboratories, e-learning, open educational resources, mobile education, etc.

- ✚ The IQAC promotes usage of latest ICT techniques to deliver quality education to the students. At the department level, faculties are encouraged by the head of the departments to use ICT.
- ✚ This method has proved to be more interesting to the students than the regular teaching with blackboard and chalk.
- ✚ The Educational Multimedia Research Center of the college prepares lecture videos on various subjects and transmits it at the national and international levels. The NSS unit of the college regularly conducts "College to Village and Village to College" educational programmes.
- ✚ The lectures used by the faculties in the class are uploaded to the e-campus. Students may login to epaathsala e-campus and download the material for further studies.
- ✚ Four computer laboratories have been set up with upgraded software and internet connection for the usage of the students. In addition, students may access internet from the cyber room laboratory.
- ✚ The college is planning to introduce online MCQ from the academic year 2015-16, in which students may appear for some of the internal exams using their mobile device. In addition, each student will also get a unique set of questions, without any additional configuration from the faculties.
- ✚ As a part of e-campus programme an online forum is made available. Through this programme student can post their queries on various topics. These queries may be answered by the faculties or by the fellow students.
- ✚ In addition to the online forum the e-campus also contains options for discussion on the learning material uploaded by the faculties.

2.3.7 Is there a provision for the services of counselors / mentors/ advisors for each class or group of students for academic, personal and psycho-socio guidance? If yes, give details of the process and the number of students who have benefitted.

- ✚ The college has a counseling center with one counselor for providing academic, personal and psycho-socio guidance.
- ✚ A career counseling cell is in place in the placement cell that guides students on multiple career options.
- ✚ The college has a structured mentoring programme where each student has got access to a mentor for academic and nonacademic support.
- ✚ A student profile mapping exercise is conducted post admission for every student. The profile mapping results are made available to the counselors and the mentors to provide support as necessary.
- ✚ After every examination, the Controller of Examination conducts a review using a software and accordingly, additional academic help is offered by the faculties to the deserving students.



- ✚ The college fosters a congenial environment where students often share their academic and emotional stress with the teachers, where remedial measures pertinent to individual cases are suggested.
- ✚ Faculty members of different departments are available to students outside the stipulated class hours. Academically weak students are helped out in terms of remedial classes.
- ✚ The College also has an online platform using which the students can reach out to their mentors and seek academic, personal and psycho-social support. The students can login with their unique login ID's and get in touch with their respective mentors.

2.3.8 Are there any innovative teaching approaches/methods/ practices adopted/put to use by the faculty during the last four years? If yes, did they improve the learning? What methods were used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?

The college asks the faculties to keep themselves updated about the latest trends in the growing technology and also the developments in the field they teach or their respective subject.

They are often encouraged to attend seminars/conferences/workshops and share their knowledge with the fellow faculties. The faculties are also asked to make use of latest teaching methods like using power point presentations for delivering lectures etc. The college has updated computer labs that can be used by faculties to improve their teaching efficiency.

All members of the faculty have access to internet facilities offered by the college. Teachers employ alternative methods of teaching such as powerpoint presentations graphs and charts, syllabus-related film screenings in order to enhance the quality of the teaching-learning process.

Minor research projects are included in some departmental curriculum that promotes research orientation among the students.

Feedback is taken from the students using an online software linked to the college website and analyzed automatically by the software. The results are reviewed by the IQAC coordinator and the Academic Council and suggestions are noted for implementation in the next academic year.

2.3.9 How does the College create a culture of instilling and nurturing creativity and scientific temper among the learners?

The faculties usually encourage the students to take part in seminars and student conferences to help them improve their self-confidence and presentation skills. The college also conducts extracurricular activities that the students are asked to participate in.

These practices are believed to transform the students into lifelong learners and innovators.



Every department has a Departmental Journal. In addition, there is a Journal dedicated to scientific growth and research. 'Aviskaar', the research journal of the College, is launched every year on the Valedictory day.

Minor research projects are included as a part of the curriculum where the students are required to submit research proposal, research hypothesis and a research report to make them familiar with research activities and promote research orientation among the students.

2.3.10 Does the College consider student projects a mandatory part of the learning programme? If so, for how many programmes is it made mandatory?

*** Number of projects executed within the College**

*** Names of external institutions associated with the College for student project work**

*** Role of the faculty in facilitating such projects**

Dissertation in the sixth semester is mandatory for all students belonging to different programmes of study. The students do the dissertation under the critical supervision of Professors in respective subjects.

2.3.11 What efforts are made to facilitate the faculty in learning / handling computer-aided teaching/ learning materials? What are the facilities available in the College for such efforts?

The college encourages the faculties to keep themselves updated about the latest trends in technology and also the developments in the field they teach or their respective subjects.

They are often encouraged to attend seminars/conferences/workshops and share their knowledge with the fellow faculties. The faculties are also asked to make use of latest teaching methods like using power point presentations for delivering lectures etc. The college has updated computer labs that can be used by faculties to improve their teaching efficiency.

All members of the faculty have access to internet facilities offered by the college. Teachers employ alternative methods of teaching such as powerpoint presentations graphs and charts, syllabus-related film screenings in order to enhance the quality of the teaching learning process.

The classrooms are equipped with latest ICT facilities. Internet facility is protected by a firewall. The college has two fully equipped seminar rooms.

Laptops and portable projectors are available for ICT enabled teaching.

2.3.12 Does the College have a mechanism for evaluation of teachers by the students / alumni? If yes, how is the evaluation used in achieving qualitative improvement in the teaching-learning process?

The college had a process to take feedback from the students. The reports are analyzed and suggestions are discussed with the respective faculties by the Principal.



From the academic year 2015-16, 360⁰ feedback process is initiated in the college. In this process, feedback is taken from students, self-feedback by faculties, feedback by management and feedback by peers. The feedback links are placed in the college website. The feedback is analyzed by software and feedback report is created in which the competency score of each faculty is also created.

2.3.13 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If yes elaborate on the challenges encountered and the institutional approaches to overcome these.

As such, the institution does not face any challenges in completing the curriculum on time. However, amid term review process is in place where the Head of the Department reviews the progress along with session plan submitted by each faculty. In case any discrepancy is noted, extra classes are arranged.

2.3.14 How are library resources used to augment the teaching-learning process?

- ✚ The College has a well-equipped library with a good collection of books for use by both faculties and students. The new arrivals in the library are put up as a list in the library notice board.
- ✚ If there is a shortage of any book, then the college sees to it that the problem is sorted out. The students are encouraged to make use of the library as much as possible.
- ✚ The college has installed JStor and other academic software to facilitate students research. Each department submits a list of syllabus-related text and reference books through the heads of the respective departments to be ordered in the library for students' use.
- ✚ To cater to the requirements of the students, a number of CD, DVD and other electronic materials are also made available in the library.

2.3.15 How does the institution continuously monitor, evaluate and report on the quality of teaching, teaching methods used, classroom environments and the effect on student performance.

The college believes that continuous monitoring and evaluation is an essential step towards implementing quality environment for teaching learning. The college monitors quality in a number of ways:

- ✚ Faculty quality and quality of teaching learning is monitored through a process of 360⁰ degree.
- ✚ Feedback link is available in the college website for providing feedback on institution quality.
- ✚ Suggestion box provided at the Principal's office.
- ✚ Feedback is collected through the formal and informal interaction of the Principal with the students and the faculties.
- ✚ Result of the students is analyzed by the Controller of Examination after every examination using a software.



- Feedback is taken from the Students' Council.
- Class representatives provide feedback.
- Faculties and staff are also welcome to share their ideas and feedback.

2.4 Teacher Quality

2.4.1 What is the faculty strength of the College? How many positions are filled against the sanctioned strength? How many of them are from outside the state?

There are 236 Faculty members in the college for the year 2014-15. There are 65 sanctioned seats, which are already filled up. There are 171 additional College created posts, all of which are filled up. All the teachers are from within the state.

2.4.2 How are the members of the faculty selected?

Usually, the Government and the University monitors appointments against the sanctioned posts in the college.

For filling up the vacant posts, after consulting the University, the draft advertisement is submitted to the University for Approval. Subsequently the advertisement is published in the college website and all India newspapers.

Applicants are informed by email and post about the interview date.

For the purpose of conducting interview, a selection board is formed as per university norms. In case there is a delay in getting the salary from the Government. After the faculties are appointed, an advance is extended towards the salary of the appointed faculties.

2.4.3 Furnish details of the faculty

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	—	—	—	—	—	—	—
Ph.D.	1	—	15	9	25	23	73
M. Phil.	—	—	—	—	14	13	27
PG	—	—	8	1	43	25	77
Temporary teachers							
Ph.D.	—	—	—	—	—	—	—
M. Phil.	—	—	—	—	—	—	—
PG	—	—	—	—	22	07	29
Part Time Teachers							
Ph.D.	—	—	—	—	04	00	04
M. Phil.	—	—	—	—	—	—	—
PG	—	—	—	—	07	19	26



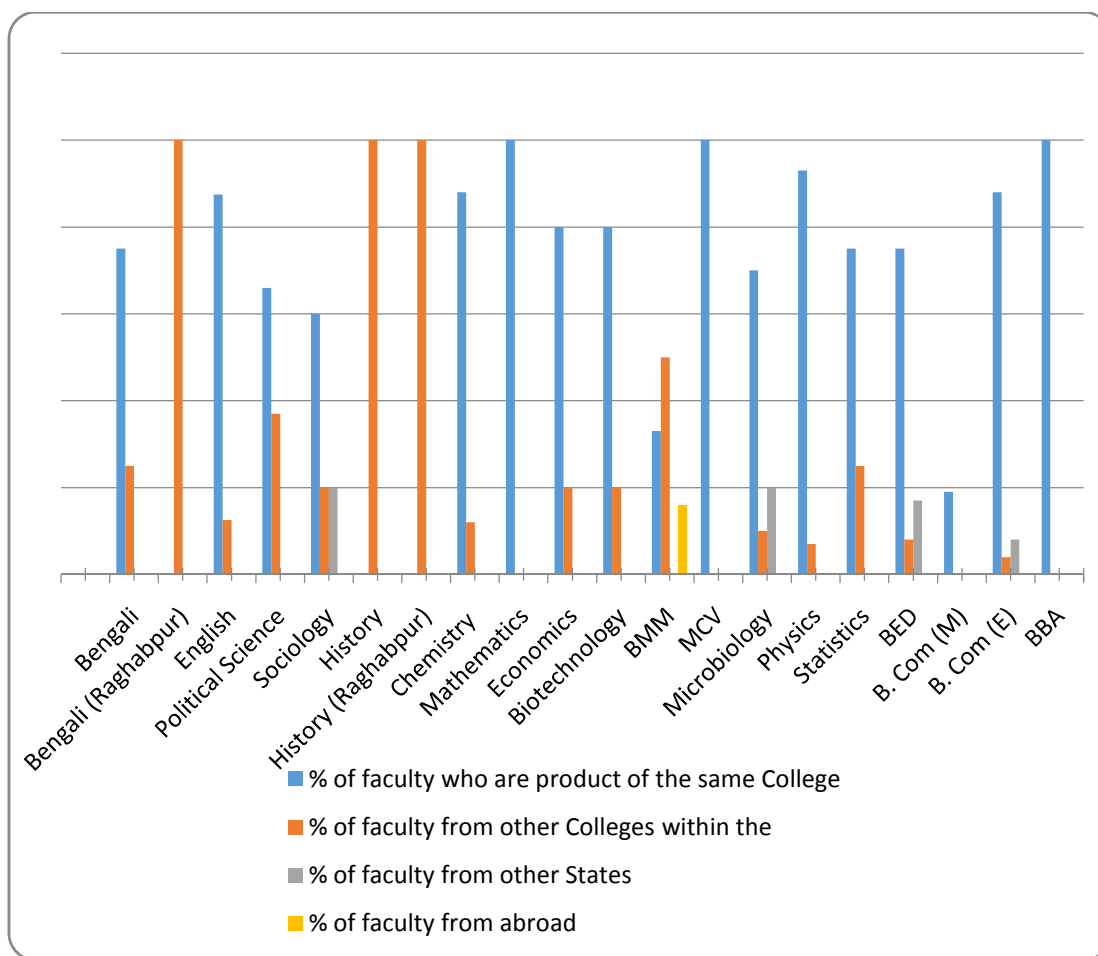
2.4.4 What percentage of the teachers have completed UGC-CSIR-NET, UGC-NET, and SLET exams? In that what percentage of teachers are with PG as highest qualification?

Net SLET – 127 out of 236 – 54 %

PG as Highest qualification: - 100% (PG degree is the minimum qualification for appearing in NET / SLET)

2.4.5 Does the College encourage diversity in its faculty recruitment? Provide the following departments-wise details.

Department	% of faculty who are product of the same College	% of faculty from other Colleges within the State	% of faculty from other States	% of faculty from abroad
Bengali	75	25		
Bengali (Raghabpur)	-	100	-	-
English	87.5	12.5		
Political Science	66	37		
Sociology	60	20	20	
History	-	100	-	-
History (Raghabpur)	-	100	-	-
Chemistry	88	12		
Mathematics	100	-	-	-
Economics	80	20	-	-
Biotechnology	80	20	-	-
BMM	33	50	-	16
MCV	100	-	-	-
Microbiology	70	10	20	
Physics	93	7		
Statistics	75	25		
BED	75	8	17	
B. Com (M)	19			
B. Com (E)	88	4	8	
BBA	100			





2.4.6 Does the College have the required number of qualified and competent teachers to handle all the courses for all departments? If not, how do you cope with the requirements? How many faculty members were appointed during the last four years?

The management, in consultation with the IQAC, reviews the faculty strength of each department periodically to ensure quality education is imparted to the students. In case the sanctioned faculty strength is less than the minimum number of faculties required, the college appoints temporary or permanent faculties whose salaries are paid from the college fund.

In certain situations, the college may still appoint temporary or permanent faculties of repute to ensure quality education for the students.

The college has a mechanism in place to formulate and review strategies on recruitment and retention of quality teaching resources, such as recruit and retain teachers by two subject experts deputed by the particular University and one VC nominee. They are continued in the coming sessions and where required the faculty on contractual basis is offered permanent employment. In some cases, additional increment is also paid to a candidate with good skills and qualification.

2.4.7 How many visiting Professors are on the rolls of the College?

There are 29 Visiting Professors on the rolls of the College.

2.4.8 What policies/systems are in place to recharge teachers? (eg: providing research grants, study leave, nomination to national/ international conferences/Seminars, in-service training, organizing national/international conferences etc.)

- ✚ Faculty members are encouraged to pursue research through PhD and post-doctoral programmes of study.
- ✚ The higher research committee motivates Faculties to take up minor and major research projects. As required, additional leave is also arranged by the research committee for the faculties pursuing research as necessary.
- ✚ The college organizes FDP/FIP for the faculties.
- ✚ Workshops are regularly organized to introduce the faculties to latest teaching learning technique.
- ✚ Faculty members are also involved in post-graduate teaching in different universities. Many teachers act as resource persons in seminars organized by other institutions.
- ✚ Some teachers are invited as external experts in conducting interviews and evaluation of Public Service Examinations.
- ✚ Teachers are encouraged to participate in national and international level seminars and workshops.
- ✚ Faculty members publish subject related specialized papers in national and international journals. Books of research are also published by teachers of different faculties.
- ✚ The college organizes national and international seminars.



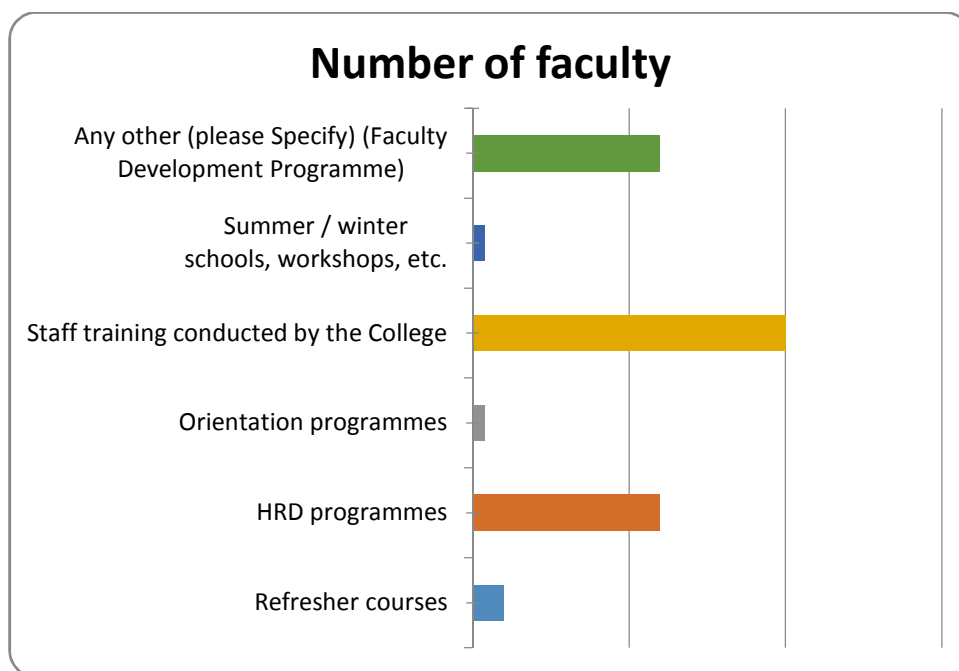
- ✚ Additional academic exposure is sponsored by the college at national and international universities.
- ✚ Course on Science and Religion was offered by Dr. Alexander Zecevic from Santa Clara University (USA). Additional credit was given to students who attended this course.

2.4.9 Give the number of faculty who received awards / recognitions for excellence in teaching at the state, national and international level during the last four years.

- ✚ Rev. Dr. J. Felix Raj SJ have been awarded Lifetime Achievement Award by Core Sector Communique in 2011.
- ✚ Rev. Dr. J. Felix Raj SJ has been nominated by the Government of West Bengal, Department of Higher Education, as a member of the Education Commission of West Bengal constituted by the Honorable Governor of West Bengal.
- ✚ Rev. Dr. J. Felix Raj SJ has been nominated for the “Moulana Abul Kalam Azad \Award 2013” on the occasion of the 125th Birth Anniversary of Moulana Abul Kalam Azad on November 11, 2013. November 11 is also ‘Education Day’ and Rev. Dr. J. Felix Raj SJ was felicitated for his excellent contribution towards the Minority Community and Society as a whole.
- ✚ Rev. Dr. J. Felix Raj SJ, Principal of the College was conferred by the Government of West Bengal, the state highest award, “BANGA BIBHUSHAN” in recognition of his enormous contribution in the field of education.
- ✚ Rev. Dr. J. Felix Raj SJ, Principal of the College received Pratibhu Award on November 4, 2014 for his contribution to education in Bengal. His novel project “College to Village and Village to College” has taken a concrete shape in the Raghobpur rural campus of St. Xavier's College, Kolkata from July 2014.
- ✚ Rev. Dr. J. Felix Raj SJ, Principal of the College received two Certificates of recognition – one from the California State Assembly and the other from the Mayor of the City of Fremont, Mr. Bill Harrison, USA for his service to humanity and harmony on February 13, 2015.
- ✚ Rev. Gaston Roberge SJ has been nominated for International SIGNIS Award.
- ✚ Prof. Saikat S. Roy won the National Film award the “Rajat Kamal” for best editing by the President of India.

2.4.10 Provide the number of faculty who have undergone staff development programmes during the last four years. (Add any other programme if necessary)

Academic Staff Development Programmes	Number of faculty
Refresher courses	100
HRD programmes	600
Orientation programmes	40
Staff training conducted by the College	1000
Staff training conducted by University/ other Colleges	Nil
Summer / winter schools, workshops, etc.	40
Any other (please Specify) (Faculty Development Programme)	600



2.4.11 What percentage of the faculty have?

A considerable number of faculty members have been engaged in the aforesaid academic exercises.

- * **been invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies – 43%**
- * **participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies – 52%**
- * **presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies – 52%**
- * **teaching experience in other universities / national institutions and others – 35%**
- * **industrial engagement – 18%**
- * **international experience in teaching - 5%**

2.4.12 How often does the College organize academic development programmes for its faculty, leading to enrichment of teaching-learning process?

- * **Curricular Development**
- * **Teaching-learning methods**
- * **Examination reforms**
- * **Content / knowledge management**
- * **Any other (please specify)**

The College regularly organizes workshops and academic development programmes for the faculties.



2.4.13 What are the teaching innovations made during the last five years? How are innovations rewarded?

The college recognizes the importance of innovation to provide quality education. Accordingly, a system is in place to reward the faculties for innovation in the form of acknowledgement and sharing the idea with other faculties in the college and outside the campus.

In the recent past, a number of innovative practices were introduced by the college

- ✚ Introduction of student seminar in some departments.
- ✚ Introduction of lectures by eminent faculties in some departments.
- ✚ Use of ICT in teaching learning.
- ✚ Proposed introduction of online MCQ from the academic year 2015-16.
- ✚ As a part of e-campus programme an online forum is made available. Through this programme student can post their queries on various topics. These queries may be answered by the faculties or by the fellow students.
- ✚ In addition to the online forum the e-campus also contains options for discussion on the learning material uploaded by the faculties.

2.4.14 Does the College have a mechanism to encourage

***Mobility of faculty between institutions for teaching?**

*** Faculty exchange programmes with national and international bodies?**

If yes, how have these schemes helped in enriching quality of the faculty?

- ✚ A number of faculties of the college are invited as guest faculties in institutions across India and abroad. The faculties are also invited as resource persons in seminars and workshops. The information is available with the IQAC office of the college.
- ✚ A formal faculty exchange programme is in place with the following institutions.
- ✚ The faculty exchange programme provides the faculties with an opportunity to get trained in the latest trends in teaching learning as practiced in the leading institutions across the world. The faculties, in turn, provide valuable input in design of curriculum and teaching learning strategies to ensure quality education for our students.

2.5 Evaluation Process and Reforms

2.5.1 How does the College ensure that all the stakeholders are aware of the evaluation processes that are operative?

- ✚ The college structures the academic calendar at the beginning of the session. This calendar contains all the information about the tests, internal assessments and exams that are to be conducted for that session.
- ✚ The college also helps the students to score better in the exams by showing them their answer scripts of the tests and internal assessments. This practice helps the students to understand where they stand in academics and ways to improve.



- ✚ The college also conducts meetings with parents to tell them how their wards are performing in the academics and other activities.
- ✚ An elaborate system of evaluation is in place where students are evaluated in a semester through various individual methods of assessment. The continuous internal assessment pattern involves mid semester examinations, class tests, term papers and dissertations through which the students' academic progress is meticulously monitored.

2.5.2 What are the major evaluation reforms initiated by the College and to what extent have they been implemented in the College? Cite a few examples which have positively impacted the evaluation management system?

The college plans to introduce online MCQ from the next academic session for continuous internal assessment. Under this system, random set of questions are automatically generated for each student appearing for the exam and the results are automatically calculated.

From the inception of autonomy, we have been introducing changes in the teaching, learning and evaluation practices to bring these in alignment with the mission and vision of our institution.

To achieve a greater degree of transparency, accountability and fairness in the aspects of the preparation of examination question papers (QP's) and assessment, a number of changes have been introduced from July 2013. The Principle, "One who teaches should also assess", has been adopted along with appropriate checks and balances. These control become operational at appropriate stages through the agency of peer review by externals and internals.

✚ Preparation of the Question paper:

- ❖ Course instructor sets QP's in accordance with the specific guidelines developed for the purpose. Parallel a second set is prepared by the external paper setters.

✚ Moderation of QP's:

An external moderator prepares, from the two sets of a QP, one single paper in accordance with a set of specific guidelines. The course instructor who is also the internal paper setter is present during moderation to provide assistance and /or inputs if requested by the external moderator. The latter checks to ensure that the QP

- ❖ Is valid
- ❖ Covers the declared syllabus
- ❖ Has stretch and
- ❖ Is accessible to students of all categories of ability.

To this effect the moderator is required to submit a confidential report.

Assessment of the answer scripts:

- ❖ A detailed Marking Scheme (MS) is developed in examiners' (external and internal) meeting. This is done to ensure that marking is reliable and consistent.
- ❖ The course instructor marks the script in accordance with MS marking being done anonymously. "Blind" marking is practiced.



- ❖ Appropriate samples of the marked scripts (generally 30% of total from each packets) are evaluated independently by external using the agreed upon MS.

If the marks difference in a significant number of scripts (50% of a sample 20% scripts which are evaluated by the external examiner) varies by 15% then the internal examiner and the HOD separately are required to account for it. This inspection and scrutiny may be followed by 100% re-evaluation. This exercise provides an opportunity for self-learning by the internals.

Finally, after the publication of the result a candidate may apply for “seeing” and /or “review”. This “review” is done by another internal/ external examiner.

2.5.3 What measures have been taken by the institution for continuous evaluation of students and ensuring their progress and improved performance?

St. Xavier's College Kolkata is an autonomous institution which has its own independent method of assessment and evaluation.

The college has an elaborate internal assessment system- C.I.A., mid-term tests, class tests and term papers where the student's performance is consistently monitored. The Controllers of Examinations office maintains and processes the evaluation data and prepares statistical charts on the basis of the analysis of the end semester results. The data is handed out to individual departments for discussion and critical assessment.

The college plans to introduce online MCQ from the next academic session for continuous internal assessment. Under this system, random set of questions are automatically generated for each student appearing for the exam and the results are automatically calculated.

Students are monitored through the following: -

- ✚ Continuous Internal Assessment (CIA) in different forms through weekly tests, midterms tests, assignments, seminars and projects. For continuous assessment we follow formative assessment which includes unit tests, group discussions, internal assessment etc.
- ✚ Regular monitoring of class attendance which is updated and posted periodically on the website.
- ✚ End semester examinations.
- ✚ Regular monitoring of performances (Curricular, co-curricular and extracurricular activities) by the faculty members and HoD's.
- ✚ Monitoring by Vice Principals, Deans and HoD's and meeting the parents when needed for their appraisal.
- ✚ Counselling session for students.
- ✚ Remedial classes for weaker/arrear students.

2.5.4 What percentage of marks is earmarked for continuous internal assessment? Indicate the mechanisms strategized to ensure rigor of the internal assessment process?

In general, 40% of the total marks is earmarked for continuous internal assessment.



The college recognizes the importance of every student being evaluated by his or her strength, and not the weakness. Accordingly, each faculty is provided with complete flexibility to design the internal assessment.

In some departments, apart from the conventional test, activities such as field visits, presentations etc. are also part of continuous internal assessment.

20% of marks is earmarked for CIA.

The offices of the Vice Principals maintain a meticulous track of each and every student and ensure that the student takes the CIA tests. Failure to qualify the CIA leads to the students being “Debarred” from taking the end sem examination.

2.5.5 Does the College adhere to the declared examination schedules? If not, what measures have been taken to address the delay?

- + The college strictly adheres to the declared examination schedule.
- + The College has so far adhered to declare examination schedule. In case of unforeseen situation like ‘Strike’ a rescheduled date is announced, keeping in consideration the convenience of the students.

2.5.6 What is the average time taken by the College for declaration of examination results? Indicate the mode / media adopted by the College for the publication of examination results e.g., website, SMS, email, etc.

Evaluation of the sample scripts by the external examiners, for Semester VI, within 10 calendar days from the day of dispatch of the scripts. For other Semester, 15 such days.

Publication of the results for Semester VI, within 30 to 35 calendar days counting from the date of the last theory exam. For other semesters, 40 to 45 such days. The results are published on the College website and notice boards.

2.5.7 Does the college have an integrated examination platform for the following processes?

- *Pre-examination processes – Time table generation, OMR, student list generation, invigilators, squads, attendance sheet, online payment gateway, etc.
- * Examination process –Examination material management, logistics.
- * Post examination process – attendance capture, OMR based exam result, auto processing, generic result processing and certification.

There is no software for integrated examination platform. However, a separate examination unit is in place headed by the Controller of Examination.

The examination schedule is announced during the commencement of the session and is published in the academic calendar. The time table is also published well in advance. The invigilator squad is determined by the examination office.

The college has subscribed to Bill Desk payment gateway. The students may pay examination fees through the payment gateway.

A committee of faculty members is involved for conducting the examination, including making photocopies and monitoring the examination process. At the end of



the exam, the answer scripts are handed over to the examination office for safe custody.

A moderation process is in place post evaluation for some examinations. Subsequently, the Principal meets with every department heads to review the results. Students are provided with the mark sheet and an opportunity is provided to the students to review their answer script.

The integrated examination platform is the office of the respective Vice Principal's. All the processes are in place. OMR is yet to be introduced.

2.5.8 Has the College introduced any reforms in its Ph.D. evaluation process?

The College does not have a mechanism for PHD evaluation process.

2.5.9 What efforts are made by the College to streamline the operations at the Office of the Controller of Examinations? Mention any significant efforts which have improved process and functioning of the examination division/section?

The office of the Controller of Examination is assisted by a committee of senior faculty members who monitors the entire examination process. Feedback is taken formally and informally and any deficiency in the process is addressed in the next examination.

Introduction of Online MCQ is proposed from the next academic year to improve the quality of continuous internal assessment and make it more scalable.

From the inception of autonomy, we have been introducing changes in the teaching, learning and evaluation practices to bring these in alignment with the mission and vision of our institution.

To achieve a greater degree of transparency, accountability and fairness in the aspects of the preparation of examination question papers (QP's) and assessment, a number of changes have been introduced from July 2013. The Principle, "One who teaches should also assess", has been adopted along with appropriate checks and balances. These control become operational at appropriate stages through the agency of peer review by externals and internals.

✚ Preparation of the Question paper:

- Course instructor sets QP's in accordance with the specific guidelines developed for the purpose parallel a second set is prepared by the external paper setters.

✚ Moderation of QP's:

An external moderator prepares, from the two sets of a QP, one single paper in accordance with a set of specific guidelines. The course instructor who is also the internal paper setter is present during moderation to provide assistance and /or inputs if requested by the external moderator. The latter checks to ensure that the QP

- Is valid
- Covers the declared syllabus
- Has stretch and
- Is accessible to students of all categories of ability.



To this effect the moderator is required to submit a confidential report.

Assessment of the answer scripts: A detailed Marking Scheme (MS) is developed in examiners' (external and internal) meeting. This is done to ensure that marking is reliable and consistent.

The course instructor marks the script in accordance with MS marking being done anonymously. "Blind" marking is practiced.

Appropriate samples of the marked scripts (generally 30% of total from each packets) are evaluated independently by external using the agreed upon MS.

If the marks difference in a significant number of scripts (50% of a sample 20% scripts which are evaluated by the external examiner) varies by 15% then the internal examiner and the HOD separately are required to account for it. This inspection and scrutiny may be followed by 100% re-evaluation. This exercise provides an opportunity for self-learning by the internals.

Finally, after the publication of the result a candidate may apply for "seeing" and /or "review". This "review" is done by another internal/ external examiner.

2.5.10 What is the mechanism for redressal of grievances with reference to evaluation?

The students are provided with an opportunity to check the corrected answer scripts.

In case the students are not happy with the evaluation, they may apply for re-evaluation. The answer scripts are rechecked by internal or external faculties.

For any other grievances, students are encouraging to meet with the Principal or Vice Principal.

Finally, after the publication of the result a candidate may apply for "seeing" and /or "review". This "review" is done by another internal/ external examiner.

2.6 Student Performance and Learning Outcomes

2.6.1 Does the College have clearly stated learning outcomes for its programmes? If yes, give details on how the students and staff are made aware of these?

During the preparation of syllabi, the Board of Studies members, reviews the learning objectives and expected learning outcome for each course. Accordingly, the teaching learning strategies are finalized and communicated to the concerned faculties.

The College calendar cum prospectus is published at the beginning of the academic year having information related to the vision and mission, history, courses, rules, regulations, departments, faculty lists, holidays, important dates and the co-curricular and extracurricular activities. The information is disseminated to students through:

- ✚ College calendar which is distributed to all students at the beginning of academic year.
- ✚ Information through website, which is regularly updated.
- ✚ Use of notice board for daily information.
- ✚ Distribution of printed syllabus for semester course content.
- ✚ Newspaper advertisement for announcing the courses which are being offered.



- ✚ College magazine, newsletter and departmental magazines which are distributed to the students.

2.6.2 How does the institution monitor and ensure the achievement of learning outcomes?

The achievement of learning outcome is measured through

- ✚ Continuous internal assessment
- ✚ Day to day interaction with the students
- ✚ Final examination at the end of semester
- ✚ The individual departments ensure that quality contact hours outside the class are offered by individual professors in meeting students to clarify their academic queries and other matters.

After every exam, the Controller of Examination analyzes the results using a software. The monitoring of the achievement of the learning outcomes is conducted by CIA, submission of assignments based on classroom seminars, projects, class test, term papers, mid sem examination and attendance. The College also conducts formative and summative assessment for students. The students are monitored so that the learning outcomes of the College is achieved.

The achievement of learning outcome is ensuring through regular meetings of the students and when necessary the parents, with the HoD's, Deans, Vice Principals of the different department.

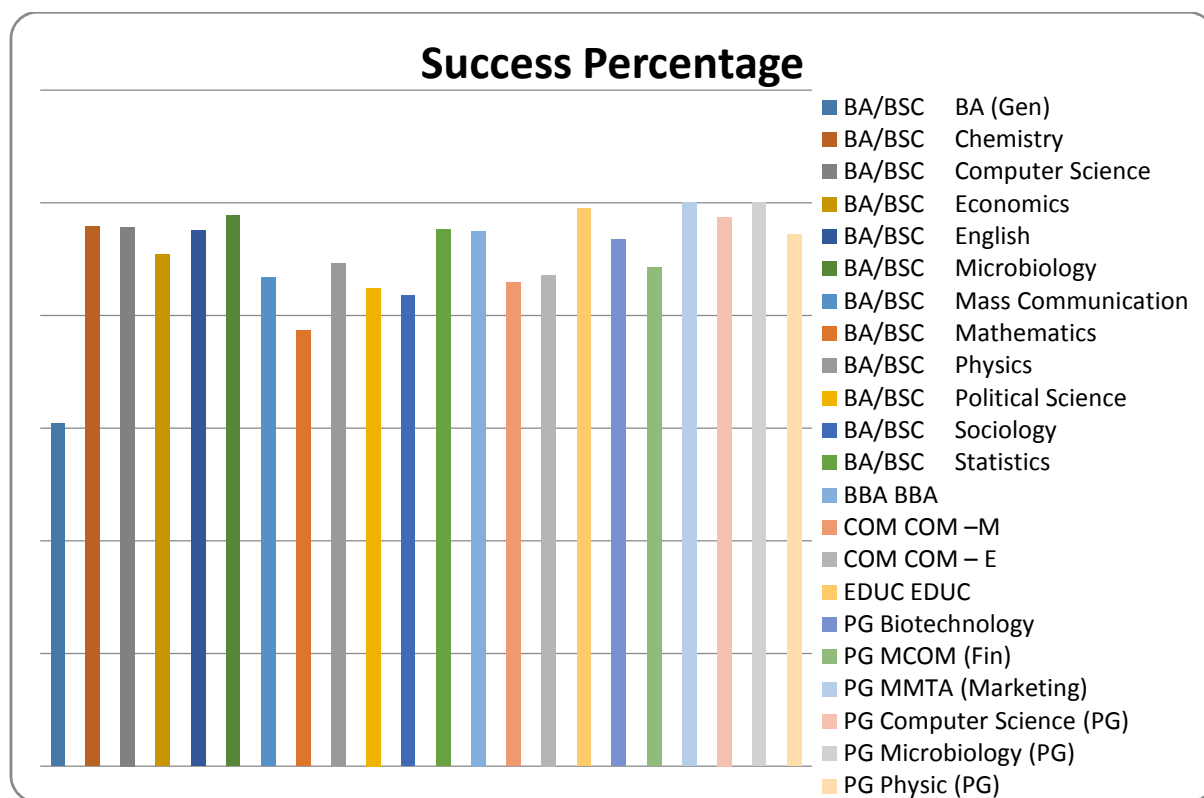
2.6.3 How does the institution collect and analyse data on student learning outcomes and use it for overcoming barriers of learning?

- ✚ After the examination, the Controller of Examination analyzes the data using a software. In case the results are not normalized, it indicates a discrepancy in the examination or the evaluation system.
- ✚ In case a discrepancy is identified, suggestions are noted and implemented in the next examination.
- ✚ Collection: Board results CIA examinations and semester examination results analysis and overcoming barriers: Students who fail in 50% or more of all papers at the end of the first two semesters are called by the HoD's Dean' Vice Principal's for Academic Counseling. In some cases, they are advised to repeat the year for improvement; if they choose to continue, they are counseled as to how and when to appear for arrear papers after taking remedial classes from the departmental teachers.



2.6.4 Give Programme-wise details of the pass percentage and completion rate of students.

Stream	Department	Success Percentage
BA/BSC	BA (Gen)	60.8%
	Chemistry	95.8%
	Computer Science	95.7%
	Economics	90.8%
	English	95.1%
	Microbiology	97.8%
	Mass Communication	86.7%
	Mathematics	77.3%
	Physics	89.2%
	Political Science	84.9%
	Sociology	83.6%
	Statistics	95.3%
BBA	BBA	95.0%
COM	COM –M	85.9%
	COM – E	87.2%
EDUC	EDUC	99.0%
PG	Biotechnology	93.5%
	MCOM (Fin)	88.5%
	MMTA (Marketing)	100.0%
	Computer Science (PG)	97.5%
	Microbiology (PG)	100.0%
	Physic (PG)	94.4%



Any additional information regarding Teaching, Learning and Evaluation, which the institution would like to include.



CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the College have a research committee to monitor and address the issues of research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.

The College has a research committee which includes College professors and experts from outside. There is also an instrumentation committee to maintain instrumentation facility

Members of College Research Committee:

- » Rev. Fr. Dr. J Felix Raj SJ
- » Rev. Fr. Dr. Domnic Savio SJ
- » Dr. Tapati Dutta
- » Dr. Uma Siddhanta
- » Dr. Shibaji Banerji
- » Dr. S. Ghosh
- » Dr. B. Bhattacharya (J.U.)
- » Dr. Arup Kr. Mitra
- » Dr. Mallinath Mukherjee
- » Dr. Sanjib Kr. Basu
- » Dr. Rahul Sharma
- » Dr. S. Raha (Bose Institute)

A few recommendations which should be implemented in near future:

- ✚ An instrumentation facility fully air conditioned is facilitated since July 2014.
- ✚ Appointment of people for manning the instrumentation facility.
- ✚ A separate are for research scholars.
- ✚ -4°C cold room.
- ✚ Workstation for teachers.
- ✚ A common facility involving physics, chemistry and microbiology departments with students' accessibility.
- ✚ Maintenance of log books for all the machines for instrumentation facility.

All these recommendations were implemented with separate facilities like plant and animal tissue cultures and separate arena for physics and chemistry departments.

Impact: These facilities are currently being utilized by faculty members, research scholars, students of both UG and PG. instruments like spectroflurimeter and atomic absorption spectrophotometer have been incorporated.

3.1.2 What is the policy of the College to promote research culture in the College?

- ✚ The college encourages the faculties to pursue major and minor research projects and apply for grants.
- ✚ Faculties are also encouraged to participate in FDP and pursue Ph.D. / research interest, if applicable.



- ✚ FIP is granted to the faculties pursuing Ph. D.
- ✚ Additional leaves are arranged as necessary on a case to case basis for faculties involved in research.
- ✚ To promote research culture in the college, some of the departments have included mini research projects as a part of their curriculum.

3.1.3 List details of prioritized research areas and the areas of expertise available with the College.

- ✚ Assessment of metal contamination in potential contamination areas.
- ✚ Development of probiotics in the treatment of metabolic disorder.
- ✚ Characterization or identification of stress tolerance microbes.
- ✚ Novel antimicrobial from microorganisms.
- ✚ Production of transgenic plant varieties with the ability to produce secondary metabolites.
- ✚ Production of synthetic chemical compounds for treatment of pathogenic microbes.
- ✚ Production of nanoparticles having antimicrobial properties.
- ✚ Initiation of plant tissue culture involving transgenic crops.
- ✚ Production of edible mushrooms and secondary metabolites having economic viabilities.
- ✚ Reporting of antimicrobial compounds from potential plants growing in Sunderban ecosystem.

3.1.4 What are the proactive mechanisms adopted by the College to facilitate smooth implementation of research schemes/ projects?

***advancing funds for sanctioned projects**

*** providing seed money**

*** autonomy to the principal investigator/coordinator for utilizing overhead charge**

*** timely release of grants**

*** timely auditing**

*** submission of utilization certificate to the funding authorities**

- ✚ Advancing funds for sanctioned projects
 - Providing seed money
 - Autonomy is provided to the principal investigator/coordinator for utilizing overhead charges.
 - Timely release of grants is ensured.
 - Timely auditing is conducted.
 - Submission of utilization certificate to the funding authorities is a regularized process.
 - Funds are provided to faculty members in case of delay in releasing funds for their sanctioned projects.
 - The accounts department helps the P. I. in auditing of the account and submission of the utilization certificate.



- Close coordination is maintained with administrative office, accounts department and concerned faculty members.
- The overhead charges are utilized for development of the concerned department.

3.1.5 How is interdisciplinary research promoted?

- * **between/among different departments of the College and**
- * **collaboration with national/international institutes / industries.**

Interdisciplinary research is encouraged at different levels:

Between Departments:

- The College has received a DBT Star College grant in aid involving the department of physics, chemistry and microbiology.
- The statistics and microbiology departments have collaborated in data processing and paper publishing in peer reviewed journals and also in presenting their national and international seminars.
- The chemistry and microbiology departments have collaborated in testing antimicrobial properties of synthetic complexes.
- The instruments obtained through research grant of one faculty member and being used by other faculty member and many of these have been placed in the central research facility.
- EDC organizes interdisciplinary training programmes for students from College and outside the College.

Between College and Institutes:

- Students of microbiology and biotechnology departments join different institutes for their summer training programme for at least 2 months and maximum for a period of 5 months.
- Some of the institutes include:
 - Bose Institute Kolkata
 - Indian Institute of Chemical Biology
 - Indian Association for the Cultivation of Science
 - National Institute of Cholera and Enteric Diseases etc.
 - Many times the individual faculties have research collaboration with professors of these institutes. The research scholars use the CRF of these institutes for meeting their advance research needs.

College and Industries:

- College has research tie up for providing summer training to the students of UG and PG departments with Dey's Medical, Medica Superspeciality Hospital, Fortis Hospital, Fair Labs Gurgaon etc.
- A research project on alcohol fermentation by fungi using *Madhuca indica* by the Department of Microbiology and Chemico Aroce Ltd.
- The Department of Microbiology has provided the expertise to innovate global for providing water conservation know how and awareness to employers of HSBC.



- The Microbiology department has collaborated with RM lab for implementing SCST programme on advance laboratory techniques. This has benefited not only students of St. Xavier's College but also students from other Colleges. (Skill set training in Science and Technology SCST)

3.1.6 Enumerate the efforts of the College in attracting researchers of eminence to visit the campus and interact with teachers and students?

The college and the individual departments often invite speakers who are experts in their fields to deliver lectures to both students and faculties.

Every science department organizes annual seminar which gives the students an opportunity to listen to eminent scientists in relevant fields.

In addition, the department of microbiology organizes special lectures for PG students and research scholars which are delivered by eminent scientists from national and international institutes.

Some of these scientists include:

- Prof. Chancal Kumar Dasgupta from IISER, Kolkata.
- Dr. Garga Chatterjee from ISI, Kolkata.
- Dr. Partha Sarathy Roy from IISER, Kolkata.
- Dr. Pijush Das from IICB, Kolkata.
- Dr. Amit Chatterjee from CCMB, Hyderabad.
- Dr. Jayashree Das Sharma from IISER, Kolkata.

3.1.7 What percentage of faculty have utilized sabbatical leave for research activities? How has the provision contributed to the research quality and culture of the College?

Teachers are encouraged to participate in training programmes organized by universities and research institutes but this is not necessarily being in a sabbatical leave. After coming back, they contribute in terms of new techniques and disseminate this knowledge to students.

3.1.8 Provide details of national and international conferences organized by the College highlighting the names of eminent scientists/scholars who participated in these events.

In order to promote a quality learning environment, the college invites eminent faculties and industry experts at departmental level and college level to address the students on academic issues as well as issues of social relevance. Feedback is taken from the experts on college curriculum and the quality of interaction.

In the past 4 years, the following faculties and experts visited our campus.

- » April 1, 2015: - Dr. Bibash Chakraborti, Formerly of NPL, New Delhi, delivered a talk entitled "Surface characterization using Electron and beam spectroscopy."
- » July 10, 2014: - Dr. Probir Roy, DAE Raja Ramanna Fellow, SNIP delivered a lecture entitled "Dark Energy of the Universe".



- » July 18, 2014: - Prof. Joydeep Dutta, Chair in Nanotechnology, Sultan Qaboos University delivered a talk entitled “Nanotechnology and water desalination”.
- » August 8, 2014: - Science Academics Lecture Workshop on ‘Physics of Electronic Materials’. The seminar was sponsored by the Indian Academy of Sciences, Indian National Science Academy, The National Academy of Sciences of India. Prof. Arup Roy Chaudhuri, Prof. S. K. Roy, Prof. Indrani Bose, and Prof. D. N. Bose gave talks at the workshops.
- » 1st November, 2014: - Prof. Manabendra Mandal (Chairman and National coordinator of Action against Trafficking and Sexual Exploitation of Children, India and Visiting faculty of University of Calcutta) participated as a key speaker.
- » 7th March, 2014: - Prof. Sukanta Bose of the Physics Department of Washington State University and Head of LIGO India, delivered a talk on “Seeing and hearing gravitational wave sources”.
- » 24th March, 2014: - the 2nd Father Vestraeten Memorial Lecture was delivered by Prof. T. V. Ramakrishna, Emeritus Professor of Physics, Benaras Hindu University.
- » 8th July, 2013: - An International Seminar “The Unknowable and the counterintuitive” was organized jointly by Physics and EVS departments. The speakers were Dr. Aleksandar Zecevic, Professor of electrical Engineering of Santa Clara University, USA.
- » Swami Atmapriyananda, Vice Chancellor, R K Mission Vivekananda University, Belur Howrah and Rev. Dr. Xavier Savairamuthu, Head, Department of Environmental Studies at SXC, Kolkata.
- » 19th and 20th July, 2013: - A lecture workshop by the Science Academics was organized. The speakers were Prof. Amitava Raychaudhuri, J. C. Bose fellow in the Physics Department of Calcutta University, Dr. Ananda Dasgupta of IISER, Kolkata, Prof. Anirban Bhattacharyya, of the Institute of Radio physics and Electronics, Calcutta University, Prof. Bikash Chakraborty of SINP, Kolkata.
- » 11th September, 2013: - Renowned scholar Professor Shobhanlal Dutta Gupta delivered a lecture entitled ‘The Political Philosophy of Hegel’ to students and teachers.

<u>Seminar / Conference</u>	<u>Date</u>	<u>Venue</u>	<u>Level</u>
1st St. Xavier's Global Earth Summit	Friday, March 11, 2011	St. Xavier's College (Autonomous), Kolkata	International
Seminar: Recent Concerns in Environmental Issues	Saturday, February 19, 2011	St. Xavier's College (Autonomous), Kolkata	College
Seminar: Financial Reporting: Changing Paradigm	Saturday, February 04, 2012	St. Xavier's College (Autonomous), Kolkata	National
Seminar: Financial Reporting: Changing Paradigm	Friday, February 03, 2012	St. Xavier's College (Autonomous), Kolkata	National



Seminar: THE GLOBAL ENTREPRENEUR	Tuesday, February 12, 2013	St. Xavier's College (Autonomous), Kolkata	International
Seminar: Overview of Stock Exchange	Thursday, March 14, 2013	St. Xavier's College (Autonomous), Kolkata	National
Seminar: UGC National Conference on “Inclusive Growth, Business and Environment in India’s Emerging Economy”	Friday, September 06, 2013	St. Xavier's College (Autonomous), Kolkata in collaboration with Shri Shikshayatan College	National
Seminar: Re-imaging India: Challenges and Opportunities in Finance, Management and Policy Making	Friday, September 19, 2014	St. Xavier's College (Autonomous), Kolkata	College
Seminar: UGC Sponsored National Conference Organized by St. Xavier’s College (Autonomous), Kolkata and IMI Kolkata. Year 2014.	Saturday, September 20, 2014	St. Xavier's College(Autonomous) Kolkata	National
Seminar: ICT Intervention in Gram Panchayat Accounting: Problems and Prospects	Tuesday, December 16, 2014	St. Xavier's College (Autonomous), Kolkata	National
Seminar: INERTIA- Knowledge Management	Tuesday, March 17, 2015	St.Xavier's College(Autonomous), Kolkata	International
Seminar: UGC Sponsored National Symposium 2015 Overcoming Challenges for Sustainable Corporate Excellence	Saturday, March 21, 2015	St.Xavier's College(Autonomous), Kolkata with support from Indian Council of Social Science Research	National

3.1.9 Details on the College initiative in transferring/advocating the relative findings of research of the College and elsewhere to the students and the community (lab to land).

The College is having an active NSS unit and students regularly visit villages to teach local students. This opportunity is utilized in terms of spreading the useful techniques like mushroom cultivation, spawn preparation etc.

Certain findings have been showcased in the local science fair where common people come to know about these findings.

3.1.10 Give details on the faculty actively involved in research (Guiding student research, leading research projects, engaged in individual or collaborative research activity etc.)



The science models prepared by students are represented in College science exhibition and other exhibitions organized by Rotary International Act and other venue by Birla Science and Technological museum.

See Annexure 2A and 2B

3.2 Resource Mobilization for Research

3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization for last four years.

The budget as year marked by the funding agency is exactly followed and separate budget heads are maintained. The actual utilization certificate is send after every financial year. The details are provided as per annexure.

3.2.2 What are the financial provisions made in the College budget for supporting student research projects?

The students undertaking research projects as part of the curriculum are completely funded by the College and provisions are made for special chemicals and equipment services.

Additional fund from DBT Star College grant have been made available to the tune of three lakhs.

3.2.3 Is there a provision in the institution to provide seed money to faculty for research? If so, what percentage of the faculty has received seed money in the last four years?

Faculty research is commonly funded by different funding agencies but in order to bridge the gap between the release of funds after allocation the College provides the initial seedmoney.

3.2.4 Are there any special efforts made by the College to encourage faculty to file for patents? If so, provide details of patents filed and enumerate the sanctioned patents.

There is no separate patent department in the College. However the teachers may file patent with their own initiative.

1. Mannose binding lectin from *Allium sativum* leaves, effective against white fly and cotton aphid and process for its preparation Application: 889/KOL/2005, Publication date: 2006-08-04, Patent No. 228783, Inventor: Sampa Das, Santanu Banerjee, Pralay Majumdar, Hossain Ali Mondal, Prasenjit Saha, Dipankar Chakraborti.
2. An improved process for preparing pure mannose-binding lectin from *Allium sativum* effective against white fly, cotton aphid and *Aphis craccivora* Application:



481/KOL/2008 A, Filing date: 2008-03-10, Publication date: 2008-06-27 Inventor:
Sampa Das, Dipankar Chakraborti, Hossain Ali Mondal.

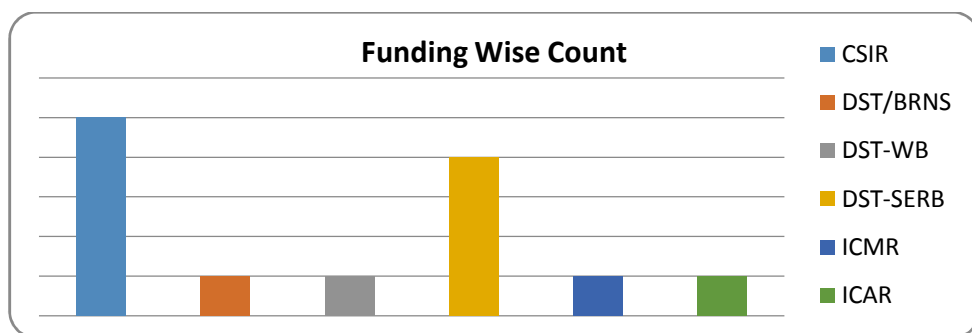
3.2.5 Provide the following details of ongoing research projects:

See Annexure 2A

3.2.6 How many departments of the College have been recognized for their research activities by national / international agencies (UGC-SAP, CAS, DST-FIST; DBT, ICSSR, ICHR, ICPR, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthrough due to such recognition.

All the Science department of the College is recognized by the DST FIST except self-financed science department. DBT Star College scheme has recognized Physics, Chemistry, and Microbiology.

2014-2015			
Name of the faculty	Project type	Funding agency	Grant received
Aryadeep Roy Choudhury	Major	CSIR	7,32,000
Ronita Nag Choudhury	Major	CSIR	2,09,417
Surupa Chkaraborty	Major	CSIR	1,02,243
Sonia Bedi	Major	CSIR	2,02,000
Upal Das Ghosh	Major	CSIR	2,72,000
Jhimli Dasgupta	Major	DST/BRNS	3,96,739
Chandana Barat	Major	DST-WB	3,82,288
Aryadeep Roy Choudhury	Major	DST-SERB	5,00,000
Chandana Barat	Major	DST-SERB	7,00,000
Dipankar Chakraborty	Major	DST-SERB	6,50,000
Ronita Nag Choudhury	Major	DST-SERB	4,00,000
Maitrayee Biswas	Major	ICMR	1,18,000
Dipankar Chakraborty	Major	ICAR	10,78,764



3.2.7 List details of completed research projects undertaken by the College faculty in the last four years and mention the details of grants received for such projects (funded by Industry/ National/International agencies).

See Annexure 2B

3.3 Research Facilities

3.3.1 What efforts are made by the College to keep pace with the infrastructure requirements to facilitate Research? How and what strategies are evolved to meet the needs of researchers?

A Central Research Facility is available for faculty members and students of the Science Departments of the college. In addition, the following facilities are made available to the faculties

- + Internet connectivity on the campus.
- + Computers to all the department.
- + Provision of the facility of INFLIBNET.

The IQAC takes formal and informal feedback from the faculties involved in active research about the adequacy of the research facilities in the campus. The suggestions are noted and communicated to the Principal.

3.3.2 Does the College have an information resource centre to cater to the needs of researchers? If yes, provide details on the facility.

- + A Central Research Facility is available for faculty members and students of the Science Departments of the college.
- + Inflibnet facility is provided to all faculties. The management has also signed MoU with a local library and a neighboring college to make additional resources available to the faculties and students.
- + Ask Research Committee, additional details from library.

3.3.3 Does the College provide residential facilities (with computer and internet facilities) for research scholars and faculty?

The research scholars are sometimes allowed in the students' hostel. The faculty gets the WIFI facility in their respective research labs and staff rooms.



3.3.4 Does the College have a specialized research center/ workstation to address challenges of research programmes? If yes, give details.

A Central Research Facility is available for faculty members and students of the Science Departments of the college. In addition, the following facilities are made available to the faculties.

- ✚ Internet connectivity on the campus.
- ✚ Computers to all the department.
- ✚ Provision of the facility of INFLIBNET.

3.3.5 Does the College have research facilities (center, etc.) of regional, national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.

The facilities are commonly available to other institutions though there are no structured mechanisms to facilitate them through SC/ST programmes, student from other Colleges used the central facilitated in presence of professors and technical staff.

3.4 Research Publications and Awards

3.4.1 Highlight the major research achievements of the College through the following:

- * major papers presented in regional, national and international conferences
- * publication per faculty
- * faculty serving on the editorial boards of national and international journals
- * faculty members on the organization committees of international conferences, recognized by reputed organizations / societies.

See Annexure 3

3.4.2 Does the College publish research journal(s)? If yes, indicate the composition of the editorial board, publication policies and whether it is listed in international database?

Yes, the College publishes a research journal. The paper after being submitted is sent for peer review without identity and the plagiarism software is employed to see the authenticity of the paper. The e-copy of the journal is uploaded in the official website but it is not enlisted in any database.

3.4.3 Give details of publications by the faculty:

- *number of papers published in peer reviewed journals (national / international)
- *Monographs
- *Chapters in Books
- *Editing Books
- *Books with ISBN numbers with details of publishers
- * number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)



* Citation Index – range / average

*SNIP

*SJR

*Impact factor – range / average

* h-index

See Annexure 4

3.4.4 Indicate the average number of successful M. Phil. and Ph.D. scholars guided per faculty.

Sl. No	Name of Research Scholar	Name of the PI/CI	Joining Date of the Research Scholars in the Research Programmes	Funding Agencies of the Research Programmes
01	Upal Das Ghosh	Dr. Mahasweta M Ghosh (PI)	01.07.09	CSIR
02	Ritun Chakraborty	Dr. Kasturi Sarkar (PI)	01.03.11	DST
03	Debanjana Sengupta	Dr. Arup Kr. Mitra (PI)	01.04.12	DST-NIMAT
04	Sourav Sett	Dr. Arup Kr. Mitra (CI)	13.12.11	CU
05	Suhana Sett	Dr. Arup Kr. Mitra (CI)	01.09.13	Techno University
06	Indira Mazumdar	Dr. Anindita Banerjee	01.09.13	CU
07	Abhra Giri	Dr. Tapati Dutta (PI)	01.01.11	IFCPAR-DST
08	Tajkera Khatun	Dr. Tapati Dutta (CI)	01.03.12	CSIR
09	Soma Nag	Dr. Tapati Dutta (CI)	01.03.12	UGC
10	Swarup Choudhury	Dr. Subhankar Ghosh (PI)	02.05.12	DST
11	Maitree Biswas	Dr. Jhimli Dasgupta (PI)	01.07.12	CSIR
12	Sanjay Dey	Dr. Jhimli Dasgupta (PI)	01.09.11	DBT
13	Surojit Mondal	Dr. Chandana Barat (PI)	04.01.09	DBT WB
14	Bani Pathak	Dr. Chandana Barat (PI)	01.09.09	DST
15	Gourab Ghosh	Dr. Dipankar Chakraborti (PI)	01.08.11	ICAR
16	Arnab Purohit	Dr. Dipankar Chakraborti (PI)	01.07.12	DST
17	Sonia Bedi	Dr. Ronita Nag Chaudhuri (PI)	01.07.13	DST
18	Anagh Ray	Dr. Ronita Nag Chaudhuri (PI)	01.07.13	CSIR
19	Saikat Paul	Dr. Aryadeep R Choudhury (PI)	01.08.12	DST
20	Shuvam Parmanik	Dr. Sanjib Ganguly	02.04.13	JU
21	Jaylaxmi Hazra	Dr. Arup Kr. Mitra	21.10.13	JU
22	Shubhangi Agarwal	Dr. Jhimli Dasgupta (PI)	16.12.13	DAE (BRNS)
23	Aheli Majumder	Dr. Aniruddha Banerji (PI)	01.03.14	WB-DST
24	Shreeparna Ganguly	Dr. Dipankar Chakraborti	22.03.14	ICAR



		(PI)		
25	Sudeshna Sarkar	Dr. Tapati Dutta	01.09.14	JU

3.4.5 What is the stated policy of the College to check malpractices and misconduct in research?

- ✚ Anti-plagiarism software is used to check for any malpractice.
- ✚ action is taken against faculties found using malpractice.

3.4.6 Does the College promote interdisciplinary research? If yes, how many inter departmental / inter disciplinary research projects have been undertaken and mention the number of departments involved in such an endeavor.

The departments of statistics and microbiology have successfully contributed papers in national and international conferences and have also published at least 2 papers in referred journals.

The chemistry and microbiology departments have also joined hands towards the development and toxicity of nickel chelate.

The star College programme of DBT has made it possible for physics, chemistry and microbiology departments to join hands for training of students.

3.4.7 Mention the research awards instituted by the College.

The College gives an incentive of Rs. 10000 to professors who complete their Ph. D.

3.4.8 Provide details of

*research awards received by the faculty

* recognition received by the faculty from reputed professional bodies and agencies

- ✚ Dr. Jhimli Dasgupta was awarded the young biotechnologist award.
- ✚ Debjani Sengupta, research scholar of department of microbiology, was awarded the young scientist award from Indian Science Congress, 2015.
- ✚ The society for applied Biotechnology fellowship was given to Dr. Arup Kumar Mitra in 2013.

Name	Award / Recognition
Dr. Aniruddha Banerji (Biotechnology)	(1) Award for Best Oral Presentation, at Symposium on Recent Trends in Cancer Research and Treatment, organized by Chittaranjan National Cancer Institute Golden Jubilee celebration, 2007.
	(2) Included in India Cancer Researcher Database (ICRD), supported by the Department of Biotechnology, Government of India, 2011.
Dr. Jhimli Dasgupta (Biotechnology)	'Innovative Young Biotechnologist Award (IYBA) 2010' from Ministry of Science and Technology, Dept of Biotechnology, Government of India.
Dr. Dipankar	DST Fast Track Young Scientist Award, 2012



Chakraborti (Biotechnology)	
Dr. Aryadeep Roy Choudhury (Biotechnology)	DST Fast Track Young Scientist Award, 2012
Dr. Ronita Nag Chaudhuri (Biotechnology)	DST Fast Track Young Scientist Award, 2011

1. Best paper award was given for presenting paper title “Multi Way Feedback Encryption Standard (MWFES): Ver-I “in International Conference on Emerging Trends, Technology and Research (ICETTR-2013) held at Nagpur, September 21-22(2013).

2. Received Achievement award in International Conference Worldcomp 2014 held at Las Vegas, US in July 21-24, 2014.

3. Received Achievement award in International Conference Worldcomp 2015 held at Las Vegas, US in July 27-30, 2014.

3.4.9 State the incentives given to faculty for receiving state, national and international recognitions for research contributions.

The College has provided an air conditioned laboratory in the Jubilee building to Dr. Jhimli Dasgupta. A separate scholar room has been provided to the research scholars.

3.5 Consultancy

3.5.1 What is the stated policy of the College for structured consultancy? List a few important consultancy services undertaken by the College.

For laboratory based consultancy the College follows a 60:40 ratios for the professors engaged in consultancy and the College.

List of Consultancy:

- ✚ Edutech
- ✚ Chemico Process Pvt. Ltd.
- ✚ Ennovate Global Pvt. Ltd.
- ✚ EMMRC St. Xavier's College

3.5.2 Does the College have College-industry cell? If yes, what is its scope and range of activities?

The College has placement cell which regularly maintains coordination with different companies and organizes placement programmes for the College students.



3.5.3 What is the mode of publicizing the expertise of the College for consultancy services? Mention the departments from whom consultancy was sought.

The consultancy publicity is not provided separately but the department of microbiology has provided requisite consultancy in relevant fields.

3.5.4 How does the College encourage the faculty to utilize the expertise for consultancy services?

Recognition is provided to the faculties involved in active consultancy by publishing their work in publications such as prospectus, annual report etc.

The College does not have any database but relevant departments are directly approached by the Principal for providing expertise for consultancy.

3.5.5 List the broad areas of consultancy services provided by the College and the revenue generated during the last four years.

- ✚ Microbiology
- ✚ Fermentation
- ✚ Environment awareness
- ✚ E-learning resources

3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 How does the College sensitize the faculty and students on Institutional Social Responsibilities? List the social outreach programmes which have created an impact on students' campus experience.

- ✚ The National Service (NSS) of the college unit plans all activities and conducts them by which students become aware of the practical issue in society.
- ✚ The unit has tie-ups with local NGOs different clubs. The activities conducted under the NSS wing of the college provides the students an opportunity to develop their leadership qualities, Social Service and a good moral and ethical side of a student to be a good human being.
- ✚ The Center for Women's Study of the College in collaboration with The NSS unit of the college has organized its annual seminar on The Problem of Girls Trafficking in West Bengal and problem of Dowry in India and its Prevention.
- ✚ The institution plants tree every year to make the campus green. It has conducted campaigns for conservation of and against wastage of water. The NSS volunteers look after the cleanliness of the campus and also participate in campus cleaning programmes. There are a number of litter bins for disposal of waste materials. The student participants were made aware of the importance of the day.
- ✚ Lecturers were delivered on to make them aware of their rights and of violence against women and ways of prevention.
- ✚ Rallies were conducted to promote awareness for protecting environment.
- ✚ "Forming Men and Women for others" is one of the mission statements of the College. Therefore, this dimension or ISR existed from the time the College was



established. However, in recent years it has been clearly spelt out and further strengthened.

- ✚ By Appointing a full time trained personnel to Plan, Implement, Monitor and Evaluate all the outreach programmes.
- ✚ All students of the College have to complete 30 hours of social work as part of their non-academic credit requirement.

The main focus of the College has been rural development. Initially, students would visit a particular village, organize a work camp for about 10 days and help build a road, clean a pond or construct houses that used to be destroyed by natural calamities. In January 2006, project PRAYAS (College to Village, Village to College) was launched. Two villages were adopted for overall development. Currently there are 10 villages covered under PRAYAS.

(For the Pedagogy of PRAYAS please see the PRAYAS booklet.)

Some of the other outreach programmes organized by the College through the social work department:

- » Annual Blood Donation Camp
- » Annual work camp in villages (College to Village)
- » Shishu Mela for underprivileged children
- » Annual Prayas camp (Village to College)
- » Awareness programmes on social issues
- » Opinion polls and surveys within and outside the campus
- » Green Clean Neighbourhood campaign
- » Sunday village visits for education
- » Sunday service to orphanages, old age homes etc.
- » Adoption of villages affected by Natural Calamities.

Students' campus experience gets enriched when they become part of the whole process of the outreach programmes. They get an opportunity to see the reality of our State and our Country. This helps them value the privileges they have and also develop a sense of concern and responsibility towards the have nots.

(For more details refer to "Kadam" – the annual report of the department of social work and NSS.)

3.6.2 How does the College promote College-neighborhood network and student engagement, contributing to holistic development of students and sustained community development?

- ✚ The College promotes collaborations with likeminded institutions, NGOs and organizations.
- ✚ Mother Teresa's Missionaries of Charity Homes (2), Indian Institute of Cerebral Palsy, Asha Niketan, St. Joseph's Old Age Home, Snegam and Seva Kendra Kolkata are some such Institutions and NGOs that network with College.
- ✚ Students are sent to these places on a regular basis for service learning.
- ✚ Records of these visits are documented.



- ✚ Regular evaluations are held with the partner organizations and students to monitor progress of both.
- ✚ The College also networks with the Kolkata Police and the Kolkata Municipal Corporation for some of its outreach programmes like Green Clean Neighborhood campaign etc.

3.6.3 How does the College promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International agencies?

The college believes that holistic learning is a key focus area to be successful. Accordingly, faculties and students are encouraged to participate in extracurricular and co-curricular activities, and extension programmes through NSS and AICUF, to engage with community.

As mentioned earlier, all students have to put in 180 hours of work through co-curricular activities of which 30 hours are compulsory from social service.

Faculty members head the various Societies for co-curricular activities. Therefore, they become part of all the activities of the Societies. Many offer voluntary service as well.

Students are awarded with credits, certificates etc. which help them in their future endeavors.

Students are encouraged to represent College for various programmes and activities within and outside the city provided they fulfill the required criteria as laid down by College rules.

3.6.4 Give details on social surveys, research or extension work (if any) undertaken by the College to ensure social justice and empower the under-privileged and most vulnerable sections of society?

The Department of Social Work and NSS (National Service Scheme) reaches out to under-privileged and marginalized sections of our society. The motto – “Not me but you” upholds the need for a selfless society. The College has adopted the following villages as part of the College to Village, Village to College programme–

- | | |
|------------------|----------------------------|
| » Nurshidarchowk | » Hogulkuria (New Village) |
| » Debipur | » Bholakhali |
| » Shalpurkur | » Gurap |
| » Paikhala | » Pandua |
| » Balarampur | » Jhantipahari |

The College conducts: -

- ✚ Awareness programmes on Persons With Special Need
- ✚ Green Clean Neighborhood throughout the year
- ✚ I-Camp organized in the villages like Raghobpur
- ✚ Sunday Literacy and Education project in the villages of Debipur, Shalpurkur, Balarampur, Paikhala and Nurshidarchowk.
- ✚ Women's Day celebration addressing issues like Domestic Violence, Child Marriage, Education of Girl Children and General Safety.



- ✚ Art workshop for the rural children for career oriented empowerment.
- ✚ Street plays based on social issues.
- ✚ Shishu Mela.
- ✚ Winter Camp organized in Shalpur for constructing Brick laden roads.
- ✚ The “Prayas Camp” is held annually to promote the “Village to College” theme involving 60 rural students of standard 11 and 12.

3.6.5 Give details of awards / recognition received by the College for extension activities / community development work.

- ✚ In 2005 – NSS was awarded the Youth Award for Social initiative from Thought Shop Foundation in collaboration with WBSACS (West Bengal State AIDS prevention and Control Society).
- ✚ 2009-10 - Awards from Calcutta University.
- ✚ This year NSS received some awards from the Calcutta University:
- ✚ Dist. IV with headquarter at St. Xavier's was awarded one of the Best Districts 2009-10.
- ✚ Ms. Cheryl Francis was awarded as one of the Best Programme Officer 2009 -10.
- ✚ Aryaman Kejriwal from B. Com (E) was awarded one of the Best Volunteers for 2009-10.
- ✚ St. Xavier's College also received the Dr. P.S. Job Memorial Award from AIACHE for project PRAYAS in 2010-11.
- ✚ 2010-11 - Awards from Calcutta University:
 1. Best College
 2. Best Special Camp
 3. Rishabh Maheshwary (NSS President 2009-10) the Best Volunteers for 2009-10.
- ✚ 2012-13 - Awards from Calcutta University
 1. Best Special Camp
 2. Indrajit Das and Megha Mookim was awarded Best Volunteers for 2011-12.

3.6.6 Reflecting on objectives and expected outcomes of the extension activities organized by the College, comment on how they complement students' academic learning experience and specify the values and skills inculcated.

The college believes holistic development of the students may be achieved by combining the classroom education with extension activities. Accordingly, the students are encouraged to participate in the extension activities organized by NSS, AICUF, YRC, EAP.

For example, it was observed that in general the students participating in activities such as tree plantation are more aware about fragile ecology. Participation in community initiatives help them complement their academic learning experiences with real world examples.



Teamwork, Leadership Skills, Time Management, Effective Communication Skills, Effective Decision Making are just a few things students learn while participating and organizing various projects and programmes.

Experience gained through extension and outreach programmes helps students make better decisions, adapt to change, improve their self-esteem and better prepare for their career, among other benefits.

3.6.7 How does the College ensure the involvement of the community in its outreach activities and contribute to the community development? Detail the initiatives of the College which have encouraged community participation in its activities.

The reach out programmes are carefully organized to ensure benefit of the local community. The members are also advised to communicate the benefit of the programmes to the local community.

The local community members are made aware of the programme, and in many cases, they are present in the operational committee to ensure the programme design benefits the local community.

The outcome of the outreach programmes is monitored to ensure that the objectives are achieved.

3.6.8 Does the College have a mechanism to track the students' involvement in various social movements / activities which promote citizenship roles?

The involvement of students in each of the following is monitored continuously and constructively.

- ✚ NSS
- ✚ AICUF
- ✚ NCC
- ✚ Every student keeps a personal record of his/her participation.
- ✚ The department keeps a record of every event.
- ✚ The department keeps a record of every student who has participated in a particular event.
- ✚ It is possible to track the students' involvement in various social activities with the help of the records maintained.

3.6.9 Give details on the constructive relationships (if any) with other institutions in the nearby locality in working on various outreach and extension activities.

- ✚ There is a constructive relationship built with other nearby institutions.
- ✚ The College students extend their services to the institutions/NGOs mentioned in point no. 3.6.2. as and when required.
- ✚ The Institutions too are very accommodative towards the College students
- ✚ These are safe and secure places for the College students.



3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.

Refer question no. 3.6.5

The reports for the following years are to be included. See Annexure 5

- July 2010 to June 2011
- July 2011 to June 2012
- July 2012 to June 2013
- July 2013 to June 2014
- July 2014 to June 2015.

3.7 Collaboration

3.7.1 How has the College's collaboration with other agencies impacted the visibility, identity and diversity of activities on the campus? To what extent has the College benefitted academically and financially because of collaborations?

The collaborative efforts of the different departments within the campus and with other institutes from the region and outside have percolated in creating a stable research environment.

The diversity of activities on campus may be mapped by taking into consideration the following facts: -

- ✚ Faculty and Student Exchange with National and International Colleges / Universities enhances the exposure of our College.
- ✚ Foreign Students on campus improves the student diversity in the College.
- ✚ Cultural Exchange, enriching the College
- ✚ International Accreditation placing us on an elevated ramp.

New models of teaching as learnt from other institutions have impacted the visibility of the College.

Through improvement in the teaching-learning methods and the dynamic nature of teaching as learnt from other institutions, the College has tremendously benefited academically.

Teaching gets analyzed in several ways for understanding. Designing of novel teaching methods takes place and teaching materials are identified with a view to realizing specific objectives, making teaching more effective. This modification is based on feedbacks.

Education has become a tri-polar process involving the educator, educate and the social-milieu. Collaborations have become the good means for good ends enabling clear thinking with no prejudice. In this way the teaching learning process has become more effective, democratic and friendly.

Financially, there is no gain as the focus is on sharing education. Student programmes are organized and exchange takes place between institutions on a no cost basis (As per MOU). Faculty exchange also does not incur any financial gain.



3.7.2 Mention specific examples of, how these linkages promote

- ✚ Curriculum development: -
 - Updating syllabus
 - Restructuring of syllabus
 - Curriculum is made logical, psychological and according to the needs of the students.
- ✚ Internship, On-the-job training: -
 - Linkages help in developing various skills in students like entrepreneurial skill
 - Basic wet-lab analysis
 - Training in using advanced laboratories- projects under DST, GOI.
- ✚ Faculty exchange and development: -
 - Theory and practical classes involve faculty of our as well as external institutes.
 - Faculty training programmes are arranged with foreign collaborating institutions.
- ✚ Research, Publication: -
 - Joint research carried out by faculty members.
 - Joint publications with faculty members of other institutions.
- ✚ Consultancy, Extension: -
 - Spreads the information that the College has some expertise in areas which can be utilized for consultancy service.
 - Promote awareness, motivation, involvement of experts, contact with the villages, better understanding of socio economic issues.
- ✚ Student placement: -
 - Enables deserving students to be absorbed in the collaborating
 - institutions / organizations
 - Enhances the employability of the students.
- ✚ Any other, please specify: -
 - Participation of various National / International Colleges / Universities in our outreach programmes / camps.

3.7.3 Does the College have MoUs nationally / internationally and with institutions of national importance/other universities/ industries/corporate houses etc.? If yes, explain how the MoUs have contributed in enhancing the quality and output of teaching-learning, research and development activities of the College?

Development Activities of the College

Sl. No	Organization Name (Int. / Nat.)	Nature of Link	Expected Outcome
1	College of St. Benedict / St. John's University (CSB/SJU), Minnesota,	Exchange Programme	Short term participation (1 Month) for ST. XAVIER'S COLLEGE Students. One semester participation for CSB/SJU students.



	USA (October 2011)		
2	University of Namur, Belgium (October 2011)	Exchange Programme	Enrichment of Academic Culture
3	College of Media Studies and Culture, Torun, Poland (November 2011)	Exchange Programme	Enrichment of Academic Culture
4	Santa Clara University, California, USA (July 2012)	Exchange Programme	Enrichment of Academic Culture
5	State University of New York (SUNY), Oswego, USA (November 2013)	Exchange Programme	Enrichment of Academic Culture
6	Trinity College, Dublin, Ireland (February 2014)	Exchange Programme	Enrichment of Academic Culture
10	FACT Software Int. Pvt. Ltd., Singapore	Joint Certification Course	Accounting Software for Career Oriented Programme (COP) Students.
11	Bose Institute	For MSC Physics with special emphasis on Astrophysics and Space Science	Benefit from the infrastructure provided by the Institute.
12	St. Joseph's College, Darjeeling, 2014	Exchange Programme	Enrichment of Academic Culture
13	St. Xavier's	Exchange Programme	Enrichment of Academic Culture



	College, Jaipur, 2015		
14	<ul style="list-style-type: none"> ▪ St. Xavier's College, Ranchi. January, 2016. ▪ St. Xavier's College of Education, Patna. ▪ Loyola College of Education, Jamshedpur. ▪ Loyola College of Education, Namchi. 	Exchange Programme	Enrichment of Academic Culture
15	National Stock Exchange of India	Joint Certification Course	For COP students
16	Council of Supply Chain Management Professional	Knowledge Partner	For COP students
17	Bengal Economic Association (BEA)	Academic. The Principal is the Secretary of BEA	Faculty publish their scholarly papers in the Annual Journal of BEA
18	Sociological Association of West Bengal	Academic.	Enrichment of the Faculty through programmes like Conference and Lectures
19	National Institute of Electronic and Information Technology (NIELIT)	Knowledge Partner	'O' level course
20	IGNOU	i. IGNOU Study Centre	To enable distance learning for



		ii. IGNOU B.Ed. Study Centre	those who have been unable to continue study in conventional mode.
21	DST, Government of India	Skill set training in Sc. and Tech in the fields of advance laboratory technique etc.	Students are trained in related fields for value addition and employability.
22	Kolkata Municipal Corporation, Kolkata Police Department and Department of Disaster Management	Resource Persons	Seminars on Disaster Management and Road Safety to create awareness and capacity building.
23	NGOs: SNEGAM, Ankur Kala	Expertise, resource persons, organization, sponsorship etc.	Seminars, workshops, camps, leadership training programmes

3.7.4 Have the College industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?

- ✚ Information regarding Research, Consultancy and Extension: - Major Grants are running in the Department of Physics, Chemistry and Biotechnology. The Department of Microbiology has been involved in the following consultancies:
- ✚ Acted as coordinators in organizing Environment Awareness Programme to management and staff of HSBC, carried out by M/S Ennovate Global, New Delhi.
- ✚ Completed the microbial fermentation using Madhuka Indica, to M/S Chemico Process Pvt. Ltd.
- ✚ Preparation of e content of UGC Microbiology syllabus in collaboration with EMMRC, St. Xavier's College.
- ✚ Perspective Plan for Research and Development: - The College now has a self-contained Central Research facility of about 4500 sq. ft area. The infrastructure includes:
 - ✚ A cold room maintained at 4⁰C
 - ✚ Animal and Plant tissue culture labs
 - ✚ General biology and Chemistry labs
 - ✚ Instrumentation and Sciences Education Laboratories
 - ✚ Server Room
- ✚ The facility houses instruments funded by DST (Department of Science and Technology, Government of India) FIST programme and CE grant. These instruments are meant to promote Research and Teaching (both in UG and PG courses) in the Physics, Chemistry, Microbiology and Biotechnology Departments. Some of the instruments HITACHI U2900, HITACHI F700 and AAS are already in use by the undergraduate and postgraduate students of the Departments of Chemistry



(Semester IV, V) and Microbiology respectively.

The facility also houses instruments from personal grants of the Faculty members of **Biotechnology and Chemistry Departments.**

- ✚ Plant Tissue Culture Room: Work has started in this room using the laminar air flow cabinet and the inoculated explants will be generated and grown in Petridishes or jam bottles placed under white light in tissue culture rack.
- ✚ General Biology laboratory: Presently, homogenization of plants specimens in mortar pestle for DNA or RNA isolation and biochemical assays is being done. Gel electrophoresis for checking the nucleic acid or protein samples is also followed. In future, protein shall be transferred to membranes for Western Blot analysis.
- ✚ Animal Tissue Culture Room: The specialized laboratory houses a CO₂ incubator in which various murine and human cancer cell (obtained from National Centre for Cell Science, Pune) are kept for culturing and for performing various experiments related to cancer biology including study of matrix metalloproteinase, cell surface receptors and cellular signaling pathways and effects of anti-tumorigenic compounds. The set-up of the room and the antechamber ensures the cells are kept in as sterile a condition as possible. However, the room currently lacks a laminar flow hood/ biosafety cabinet for maintenance and passaging of cell lines. With the acquisition of further equipment including a laminar flow hood/ biosafety cabinet and an inverted microscope (which may be obtained from subsequent projects/ grants) the room will be fully equipped as an independent Animal Tissue Culture laboratory in which researchers can perform experiments for studying animal cells and tissue, cell cycles, various aspects related to cancer biology etc.
- ✚ Cold Room: The Cold Room allows separation of specific proteins / enzymes from a cell / tissue homogenate or from culture media by means of immune operation using specific antibodies or by affinity binding to specific components. The low temperature ensure that the proteins/ enzymes are not degraded and do not lose their biological activity.

Any additional information regarding Research, Consultancy and Extension, which the institution would like to include.

The measures adopted are –

✚ **Research and consultancy**

- Setting up of St. Xavier's College Centre for Research and Training and formation of Research and Consultancy Cell in B. Com and B.B.A. departments.
- An Ethical Committee has been formed to investigate and confirm that the research does not violate ethical norms.
- Teachers are recognized and rewarded for their doctoral and research work. Rs. 5000 is awarded as a token of appreciation for completing PhD.
- As per UGC norms they are granted study leave for completing their PhD and post-doctoral programmes.
- They are granted leave on duty for presenting papers.



- The College pays the registration fee and part of the travel costs for the same.
- Teachers/departments are encouraged to conduct seminars, conferences and workshops.
- Central Research Facility has been set up for the science departments.
- Teachers are encouraged to undertake major and minor research projects from UGC/CSIR/DST and publish papers in research journals.
- Seed money is provided to projects which have been sanctioned by funding authorities as adjustable advance to initiate the research project.
- Making adjustments in faculty timetables to enable them to pursue research.
- Every year, students of Microbiology Department submit and present papers at the Indian Science Congress.
- Students participate in All India Students' Conference for CA courses.
- Projects/term-papers, which are a part of the curriculum, involve research by students.
- Students publish research papers.
- Contemporary ICT facilities including Inflibnet and Delnet.
- Subscription to research journals including e-journals.
- Research cubicles for faculty with internet access.
- Well stocked Central Library.
- Well-equipped laboratories.
- Publication of the annual research magazine of the College "Aviskar" which includes peer reviewed research articles by both faculty and students.
- Constant encouragement from the management to involve in and take up research activities.

Extension activities

- Appointment of a full time Director for NSS and Social Work.
- Provision for adequate infrastructure and facilities.
- Provide opportunity to the students to participate in various extension activities coordinated by NSS, NCC, AICUF, XCS and various other societies.
- Students get non-academic credits by participating in these activities for 180 hours in their three years of stay.
- Students are awarded certificates as a mark of recognition for their services.
- Orientation programmes are conducted by NSS, AICUF, LTS and other societies for freshers on the extension activities and initiatives of the College.
- Students are taken to the adopted villages (including villages that have been adopted after natural calamities) for orientation and motivation in social service
- Formation of EDC.
- Setting up of Women's Cell - SWAR, to promote awareness on women's rights
- Women's cell in AICUF and Alumni/ae association.



CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

With the increase in strength, as per requirement, the institution approaches UGC for approval of additional funds. Additional funds at times are also obtained from other sources such as alumni or private funding. The management actively offers helps as and when any infrastructural change is required. Creation and enhancement of infrastructural facilities for improving the teaching-learning process, and extending maximum possible educational amenities to its growing strength of learners is the primary objective of the Institution.

To optimize utilization of the existing resources, some of the resources are shared across departments. For example, the college has four upgraded computer labs which are shared between departments for optimal utilization.

The College plans ensure and optimize utilizations in the following ways: -

- ✚ Conference Hall with Videoconferencing facility.
- ✚ Fiber Optics.
- ✚ Smart Classrooms.
- ✚ The institution has set up a standard process for creation and enhancement of infrastructure for teaching and learning.
- ✚ The goal of the College in terms of education depends on the infrastructure
- ✚ The College has had its infrastructural facilities upgraded with LCD projectors etc.
- ✚ A seminar cum conference room has also been setup in the College to facilitate and host seminars and other conferences without many difficulties.

To optimize utilization of the existing resources, some of the resources are shared across departments. For example, the College has four upgraded computer labs which are shared between departments for optimal utilization.

Creation and enhancement of infrastructural facilities for improving the teaching-learning process, and extending maximum possible educational amenities to its growing strength of learners is the primary objective of the Institution.

4.1.2 Does the College have a policy for creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

The Principal, the Vice Principals, the ICT Resource Management Committee (ICTRMC) (The names of the members are published in the College calendar and prospectus), meet the different departments at regular intervals to create, enhance and review infrastructural requirements that will further and optimize the quality of teaching learning environment. The issues are also taken up in the Governing Body Meetings, the Academic Council Meeting and The Core Committee Meetings.



The IQAC meets the faculties in order to collect feedback on the adequacy of existing infrastructure and gathers relevant information regarding additional infrastructure requirements. The recommendations are forwarded to the management.

The Principal and the management also meet the faculties and review additional infrastructure requirements from time to time.

For example, based on the requirements, in the recent past, few classrooms are upgraded to AV enabled classroom.

The recent Initiatives: -

- ✚ The Rural Campus at Raghobpur.
- ✚ Provision of a Central Library facility.
- ✚ Expansion in the present campus by adding more floor space and opening of the Jubilee building wherein a part has been used for relocating the support staff quarters and the rest for class rooms and office rooms.
- ✚ Opening of the centralized computer lab, AC staff room, MCV studio and a Central Research Facility.
- ✚ Upgradation of Class Room with Audio Visual Facilities.
- ✚ Upgradation of laboratories.
- ✚ Upgrading the infrastructure by constructing lifts, ramps, power generators and addition of more class rooms.
- ✚ Construction of AV rooms and Conference room for departmental seminars.
- ✚ Providing all offices with computers and with internet connections.
- ✚ Maintenance of the Observatory along with facility of using Solar Energy.

For the ICT activities the developments are:

- ✚ Campus networking through optical fiber.
- ✚ Centralization of computer labs.
- ✚ Providing ICT facilities to all departments and offices.
- ✚ Leased line broadband, INFLIBNET, DELENT, E-journals and E-books.
- ✚ Having EPBX exchange of its own with 400 internal connections, STD, fax, and other facilities.

4.1.3 Does the College provide all departments with facilities like office room, common room, separate rest rooms for women students and staff?

The College provides separate office rooms for different departments, Common Rooms and separate rest rooms for women students and staff.

4.1.4 How does the College ensure that the infrastructure facilities meet the requirements of students/staff with disabilities?

The college has a policy to make new infrastructure differently-abled friendly as much as applicable: -

- ✚ Infrastructure facilities such as ramp, lift, wheel chairs etc.
- ✚ An Infirmary to address medical needs.
- ✚ Providing writers in separate room during examination.
- ✚ Giving additional time during examination. Offices that require the students to



correspond on daily / regular basis are located on the ground floor.

4.1.5 How does the College cater to the residential requirements of students? Mention

- ✚ Capacity of the hostels and occupancy (to be given separately for men and women):
 - The Fr. Lemming Boys' Hostel was inaugurated in July 2014 with a capacity of 285 students.
 - The Girls' hostel named as Mother Teresa Girls' Hostel has become functional from July 2015 with a capacity of 185 students.
- ✚ Recreational facilities in hostel/s like gymnasium, yoga center, etc.: -
 - The Hostel has a games room, an entertainment room, and a gymnasium.
- ✚ Broadband connectivity / Wi-Fi facility in hostel/s.: -
 - Broadband Connectivity / Wi-Fi facility are available.

4.1.6 How does the College cope with the health related support services for its students, faculty and non-teaching staff on the campus and beyond?

The institution has a well-equipped infirmary, which acts as a health center, under a Jesuit Brother as the infirmaries, a compounder, and trained nurses and ayas. There is a panel of doctors who visit the College on call. There is also free medical clinic within the campus. The first-aid facilities are available with the NSS and NCC units of the College.

The Support staff gets the benefit of general health check-up held annually in the College and are provided with a medical insurance up to one lakh. Free Eye checkup camps are organized for the Support Staff as well as students of economically weaker sections.

4.1.7 What special facilities are made available on the campus to promote interest in sports and cultural events?

The facilities for Sports are: -

- College Ground for Cricket, Football and Hockey matches at the University, State, National and International level.
- Basket Ball Court.
- TT and Carrom room.

The facilities for Cultural Events are: -

- Fr. Depelchin Auditorium
- Fr. Aruope Hall
- Xavier Hall
- The Big Parlor
- The Small Parlor
- The XADAM (Xaverian Academy of Dance and Music) room



4.2 Library as a Learning Resource

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

The library has an Advisory Committee

Advisory Committee Composition:

1. Principal
2. Vice Principals
3. HODs and Prof. in-Charge
4. Librarian

Significant initiatives:

- ✚ Library Automation
- ✚ Departmental budget allocation
- ✚ Books and Journals purchase suggestion
- ✚ Suggestion for procurement of E-Resources

Providing other library infrastructure.

4.2.2 Provide details of the following:

- **Total area of the library (in Sq. Mts.) 1115 Sq. Mts**
- **Total seating capacity for 250 students at a time (in the reading room)**
- **Working hours (on working days, on holidays, before examination days, during examination days, during vacation)**

On working days: Reading Section: Mon – Sat: 6 a.m. – 7.30 p.m.
Lending Section: Mon – Sat: 9 a.m. – 6 p.m.

Before / During Examination days: Reading Section: Mon – Sat: 6 a.m. – 7.30 p.m.
Lending Section: Mon – Sat: 9 a.m. – 6 p.m.

On Holidays: Library remains closed.

During vacation: Library remains closed.

***Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)**

Individual reading carrels (14 cubicles), lounge area for browsing and relaxed reading are available.

IT zone for accessing e-resources equipped with internet facility is available for the users.

*** Access to the premises through prominent display of clearly laid out floor plan; adequate signage; fire alarm; access to differently-abled users and mode of access to collection)**

- **Location map for access to the premises through prominent display of clearly laid out floor plan is there at the entrance of the College.**
- **Adequate signage for accessing different sections of the library is maintained.**



- **Access to differently-abled users is given through RFID enabled self-circulation kiosk with the help of cordial library staff.**
- **Open Access System is maintained for accessing library collection.**

4.2.3 Give details on the library holdings

(a) Print (Books, back volumes and thesis)

Books:	59,599
Journal (Print):	103
Back volumes of Journals:	1500
Theses:	03

(b) Non Print (Microfiche, AV) CD/DVD: 996

Electronic (e-books, e-Journals)

E-Books: 90 (Direct) and 97000+ NLIST e-books

E-Journals: 32 (Direct) and 6000+ NLIST e-journals

No. of Databases: 03 (Direct) PROWESS, INDIASTAT, Economic Outlook.

(c) Special collection

(e.g. Text book, Reference books, standards, patents)

The Central Library holds a special collection of very old and rare documents which had been recovered, preserved and digitized. The oldest one dates back as far as 1632 AD. A set of 4 DVDs contains these digitized documents.

4.2.4 What tools does the library deploy to provide access to the collection?

- OPAC: Web OPAC <http://220.225.85.237:8001/>
- Electronic Resource Management package for e-journals: Nil
- Federated searching tools to search articles in multiple databases: Nil
- Library Website: Yes.
- URL: <http://www.sxccal.edu/infrastructure/sxc-Library.htm>
- In-house/remote access to e-publications: Yes

4.2.5 To what extent is the ICT deployed in the library?

- Library automation: -
- Automated using open source ILMs KOHA Ver. 3.14
- Total number of computers for public access: 16
- Total numbers of printers for public access: 02
- Internet band width speed 2 mbps 10 mbps 1gb (GB): **14mbps**
- Institutional Repository: Nil
- Content management system for e-learning: Nil
- Participation in Resource sharing networks/consortia (like Inflibnet): Yes



4.2.6 Provide details (per month) with regard to.

▪ Average number of walk-ins:	4500+
▪ Average number of books issued/returned:	5000+
▪ Ratio of library books to students enrolled:	9:1 (Appx.)
▪ Average number of books added during last three years:	1851+
▪ Average number of login to OPAC:	1500+
▪ Average number of login to e-resources:	750+
▪ Average number of e-resources downloaded/printed:	4000+
▪ Number of information literacy trainings organized:	Nil

4.2.7 Give details of the specialized services provided by the library

- Manuscripts: Nil
- Reference: Yes
- Reprography: Yes (Only Reading -Room books)
- ILL (Inter Library Loan Service): Nil
- Information Deployment and Notification: Yes
- OPAC: Yes (Web OPAC)
- Internet Access: Yes
- Downloads: Yes
- Printouts: Yes
- Reading list/ Bibliography compilation: Yes (On demand)
- In-house/remote access to e-resources: Yes
- User Orientation: Yes
- Assistance in searching Databases: Yes
- INFLIBNET/IUC facilities: Yes

4.2.8 Provide details on the annual library budget and the amount spent for purchasing new books and journals.

- During 2014-15 Annual Budgets: Rs. 35 Lac. For books and journals
- During 2014-15 Amount spent: Books: Rs.5, 42,137 /- and Journals (Including Database and Institutional Membership Renewal): Rs.7, 05,036/-

4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services.

A feedback link is provided in the college website. Library users may provide feedback using the link. The data is automatically analyzed and reports are created by a software. The reports are reviewed by IQAC and Library committee, suggestions are noted and forwarded to management as necessary.

4.2.10 List the infrastructural development of the library over the last four years.

- Implementation of KOHA, an open source ILMS
- Integration of KOHA software with RFID technology
- Installation of self-circulation kiosk



- Installation of Gate Security System with the help of two pedestal antennas (RFID)
- Introduction of WEB OPAC searching facility
- CCTV surveillance
- Installation of firefighting devices
- Fully air conditioned facility for the library

4.2.11 Did the library organize workshop/s for students, teachers, non-teaching staff of the College to facilitate better Library usage?

Nil

4.3 IT Infrastructure

4.3.1 Does the College have a comprehensive IT policy addressing standards on IT Service Management, Information Security, Network Security, Risk Management and Software Asset Management?

The College has an IT policy which is implemented and monitored by the Systems in charge and ICT Resource Committee.

4.3.2 Give details of the College's computing facilities (hardware and software).

Number of systems with configuration

Computer-student ratio

Dedicated computing facility

LAN facility

Wi-Fi facility

Propriety software / Open source software's

Number of nodes/ computers with internet facility

Any other

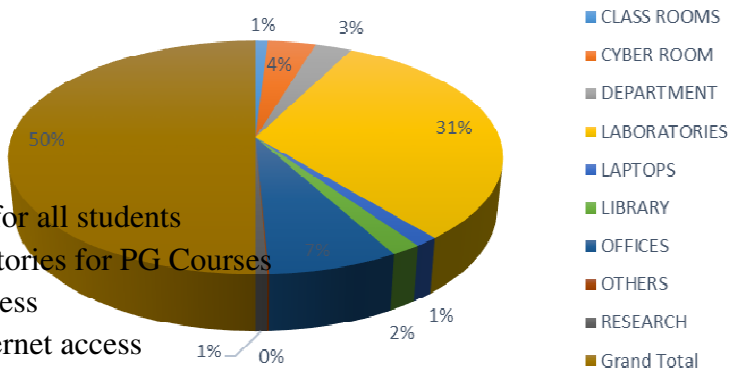
Number of systems with configuration

Location	Number Of Computers
Class Rooms	13
Cyber Room	51
Department	39
Laboratories	433



Laptops	18
Library	23
Offices	100
Others	1
Research	9
Grand Total	687

NUMBER OF COMPUTERS



Computer-student ratio 1:11

Dedicated computing facility

- Central Computing Facility for all students
- Dedicated Computer Laboratories for PG Courses
- Cyber Room for Internet access
- Cubicles in Library with Internet access

LAN facility

- Fiber Optic Backbone throughout the campus
- Common physical connectivity for computers through cable network
- Logical segmentation of groups

Wi-Fi facility

- Campus Wi-Fi (to be implemented)

Propriety software / Open source softwares

- All computers with Genuine Operating System License
- Linux
- Campus agreement with Microsoft
- Annual subscription with Adobe
- Annual subscription with Autodesk
- Language compilers (C, C++, FORTRAN)
- Oracle
- SPSS
- Views
- Quark Express
- MINITAB
- Tally
- Exactly
- Relyon
- Antivirus

Number of nodes/ computers with internet facility 669 Computers are with internet facility with access control through UTM device.

Any other

- Laptops for presentation and classroom lectures.



4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

The IT infrastructure requires regular up gradation to keep pace with the changing technology and to provide state of the art facilities to the students. The College prudently plans and implements strategies for up gradation. The plans and strategies are as follows:

- ✚ Enhancement of e-learning facilities
- ✚ Enhancement of online transaction facilities
- ✚ Inter departmental office communication system
- ✚ Digital Display System
- ✚ Modernized surveillance system
- ✚ Virtual Learning Environment
- ✚ More number of Smart Class Rooms
- ✚ Indigenous ERP system for information management with constant improvement and enhancement
- ✚ Implementation of Biometric Attendance for staff
- ✚ Smart card based facilities access for students
- ✚ Implementation of Green Computing and Green IT strategies

4.3.4 Give details on access to online teaching and learning resources and other knowledge, and information provided to the staff and students for quality teaching, learning and research.

Online accesses to internet is available in almost all the computers of the College and the facilities which are provided are: -

- Online Databases
- Inflibnet
- Online Journals
- Regular workshops and lectures on latest trends, developments and technologies

4.3.5 Give details on the ICT enabled classrooms/learning spaces available within the College and how they are utilized for enhancing the quality of teaching and learning.

- ✚ Audio-visual system in 48 class rooms and laboratories.
- ✚ Smart Classroom
- ✚ Document Cameras
- ✚ The systems are utilized for audio visual presentation by teachers.

4.3.6 How are the faculty facilitated to prepare computer aided teaching-learning materials? What are the facilities available in the College or affiliating University for such initiatives?

- ✚ The IQAC encourages faculties to prepare computer aided teaching learning material
- ✚ Four upgraded computer labs are available



✚ Internet facility is provided to faculties in the campus
✚ Basic infrastructure such as AV enabled classroom, seminar room etc. is in place
The College has made all efforts to facilitate the faculty to prepare computer aided teaching-learning material by making available all the required facilities and training. The Computer Centre offered free training to both faculty and support staff.
The facilities available in the College are as follows:

- ✚ The departments are equipped with computers, printers and internet facilities to enable them prepare computer based training materials.
- ✚ Availability of projectors and laptops/desktops for computer aided teaching
- ✚ Availability of e-journal and e-books in addition to the library books
- ✚ Cubicles with online computer facilities in the library
- ✚ Availability of document camera

The College website provides facilities for uploading the course material for the students.

4.3.7 How are the computers and their accessories maintained? (AMC, etc.)

The maintenance of computers and accessories is done through Annual Maintenance Contract with the service providers supervised by the Systems In-charge and the Computer Centre. There is a full time software engineer and three hardware and software assistants permanently employed by the College.

4.3.8 Does the College avail of the National Knowledge Network connectivity directly or through the affiliating University? If so, what are the services availed of?

Nil

4.3.9 Provide details on the provision made in the annual budget for update, deployment and maintenance of the computers in the College?

Provision made in the annual budget for the update, deployment and maintenance of Computers in the College.

- 2010-11 – Rs. 50, 00, 000
- 2011-12 – Rs. 65, 00, 000
- 2012-13 – Rs. 45, 00, 000
- 2013-14 – Rs. 95, 00, 000

4.4 Maintenance of Campus Facilities

4.4.1 Does the College have an Estate Office / designated officer for overseeing maintenance of buildings, class-rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.

The College has an estate office: Fr. Minister is the designated Estate Officer who supervises overall maintenance of the Buildings, Classrooms, Laboratories, Cyber Room, Libraries, Staff Rooms, Wash Rooms of Teachers, Staff and Students and the overall well-being of the campus.



The campus specific initiatives are: -

- Regular painting of the building
- Ensuring that the campus is a no-smoking area
- Hourly cleaning of the corridors and washrooms
- Cleaning of the classrooms after each session of B. Com - M, BA-BSC, B. Com – E, BBA and M. Com
- Green Campus – Planting and maintenance of trees, the field etc.

4.4.2 Does the College appoint staff for maintenance and repair? If not, how are the infrastructure facilities, services and equipment maintained? Give details.

Yes, the College has a Maintenance Department under the supervision of Fr. Minister. All infrastructure facilities and basic services are looked after by him.

Any additional information regarding Infrastructure and learning resources, which the College would like to include.



CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1 Does the College have an independent system for student support and mentoring? If yes, what are its structural and functional characteristics?

The College has an independent and integrated system for student support and mentoring. As the students are from various cultures, religions, languages, race, nationality and ethnicity, a cosmopolitan atmosphere prevails on the campus. The college administration takes care to maintain a positive ambience of brotherhood and understanding.

Under this system, after the commencement of session, each student is assigned to a faculty as a mentee. The details of the mentor are shared with the student. The student may contact the mentor for any kind of academic, psychological or any other support that they require.

From the academic year 2014-15, the College has subscribed to epaathsala mentoring solution. Under this, a student may contact the mentor through online portal and post his or her queries. The mentor may login to the system and address the concerns of the students. The documentation is also maintained by the software.

The Mentoring scheme is managed by the Dean of Science and Dean of International Studies. Notices are published for students who might feel the need for tutoring and remedial classes.

The Dean of Science assigns Professors to the students along with the tutorial timings. The professor records the attendance of the students and needs them on a regular weekly basis. Records of such tutorials are maintained by the Dean of International Studies who submits data, countersigned by the Vice Principal to the Principal's office. Also based on semester results the Deans of different department in consultation with the Vice Principals may counsel students who have not fared well in semester exam to approach the respective professor for tutorial or remedial classes.

The individual teachers and the HOD of the department identify the slow and advanced learners on the basis of classroom interactions, internal assessments and counseling.

For the former, remedial and tutorial classes are held.

There are separate SC, ST and Minority Cells to look into the specific problems and needs of slow learners belonging to these groups.

For the latter they are encouraged to attend summer courses in research institutes and are helped for competitive examinations.

Advanced students are encouraged to present papers and attend national seminars / workshops.

The college has also started coaching for entry to services using an online platform. Using this student can take mock online tests and prepare for such competitive exams.

EDC challenges the advanced learners to go in for entrepreneurship and imparts training to them.

There is a professor functioning as a Mentor for every class in B.Com.



5.1.2 What provisions exist for academic mentoring apart from class room work?

Students interact with faculty outside the classroom to discuss various academic matters. Small groups of students are assigned to a mentor and regular meetings help in identifying students who require academic support.

Class mentors also guide students while choosing their ancillary subjects. Faculties arrange remedial classes for slow learners. Teachers encourage self-learning of the students through group discussions and peer learning.

Technology is used to reach out to diverse learners in remedial coaching/academic mentoring. From the academic year 2014-15, the college has subscribed to epaathsala mentoring solution. Under this, a student may contact the mentor through online portal and post his or her queries. The mentor may login to the system and address the concerns of the students. The documentation is also maintained by the software.

Close check is kept on students' attendance which is the sole indicator of the students' commitment. List of students with insufficient attendance (below 75%) are published on a monthly basis. They are required to meet the Vice Principals and Deans who use the occasion to find out about the student's problem, both academic and personal. Part of the mentoring also involves assigning the students to department heads, professors for academic tutoring / nonacademic tutoring.

Faculty Members meet students outside the assigned class hours to address their individual problems – personal, extra-academic and issues related to career planning. The College Has Counselling Cell which offers counseling services to all students, through an expert counselor. Teachers try to keep themselves updated about the students with regard to their overall well-being so that they can offer their assistance whenever required.

Simulated online exam modules in line with various competitive exams are available.

5.1.3 Does the College provide personal enhancement and development schemes for students? If yes, describe techniques employed e.g., career counselling, soft skill development, etc.

The college has a full time placement officer. The number of students placed both for jobs and higher studies programme, conducted by multi-national companies has increased considerably over period of years.

A number of certificate courses offered promote the employability of the students. Entry-to-services coaching is provided to the students to help them prepare for the competitive examinations.

From the academic year 2014-15, the college has subscribed to epaathsala simulation platform where the students may appear for online mock tests in line with various competitive exams to help them prepare better for competitive examinations.

Courses that can be taken with the regular curriculum are

- ✚ Certificate and diploma courses under Career Oriented Programme.
- ✚ DOEACC Computer Courses and ORACLE certified courses under the Computer Centre.



- ✚ Certificate and diploma courses under COP, DOEACC courses of the Computer Centre, and Communicative English course, offer career training.
- ✚ Employability Skills Training course offered by St. Xavier's College in collaboration with Tata Consultancy Services.
- ✚ EDC offers Skill Set Training in Science and Technology sponsored by DST in collaboration with industry, Entrepreneurship Development Programme sponsored by DST and Entrepreneurship Awareness Programme sponsored by EDI.
- ✚ Compulsory one credit co-curricular programme in social and community service through the department of Social Work to promote community orientation.
- ✚ Ten-day programme in villages offered by NSS and AICUF twice a year (May-June and September-October) for training and community orientation.
- ✚ Disaster Management, Road Safety Awareness and Health Awareness programmes organized by the department of social work.
- ✚ Leadership Training programmes offered by NSS, AICUF and LTS to develop skills.
- ✚ Annual Spiritual retreats and a weekly two semester moral course for Christian students.

5.1.4 Does the College publish its updated prospectus and handbook annually? If yes, what are the activities / information included / provided to students through these documents? Is there a provision for online access?

- ✚ The college updates its prospectus every year and makes it available to each student along with the application. It is also available in the college website.
- ✚ A college calendar is given to all stakeholders every year at the beginning of the academic year. All important information regarding the major events to be carried out throughout the year is mentioned and the dates are indicated.
- ✚ The calendar serves the purpose of a hand book. It contains the history of the college, major achievements, nature of administration, academic and curricular programmes, rules and regulations, prizes and student scholarships, information about holidays, college functions, test and examinations dates, commencement and last working day, internal assessment test dates, deadlines for submission of question papers, due date for submission of marks lists, blocked dates for co-curricular activities such as the NSS and Sports.
- ✚ Prospectus is published every year by the institution. In the prospectus, detailed information is provided about the courses available, fees for each programme, student support services available, facilities available, availability of different committees such as grievance Redressal cell, anti-sexual harassment.
- ✚ A detailed academic calendar is prepared and attached along with the prospectus. The academic calendar contains date wise details such as dates for examination (internal and external), dates for project submission etc.
- ✚ The prospectus is made available in the website as well as in printed form.
- ✚ The College calendar offers details of faculty profile of all departments, administrative and nonteaching staff profile, examination details, attendance



requirements, scholarships and fee concessions, curricular facilities available, Vision and Mission of the College, details of different committees, infrastructural facilities etc.

5.1.5 Specify the type and number of scholarships / free ships given to students (UG/PG/M. Phil/Ph.D./Diploma/others in tabular form) by the College Management during the last four years. Indicate whether the financial aid was available on time.

Financially challenged students are given part or full waiver of fees. For economically weak students, financial aid is provided in the form of scholarships, fee concession, book banks and concession for hostel accommodation.

The scholarships/concessions are given to the students at the beginning of the academic year so as to support their financial needs on time

The following scholarships are available for academically brilliant and lower income group students:

- Late Rukmini Devi Goenka Scholarship.
- Infar (India) Scholarship.
- Smt. Panna Devi Kanoi Scholarship.
- Smt. Kamla Devi Budhia Scholarship.
- A. K. Agarwal Scholarship.
- Sri. Baldeodas Shah Scholarship.
- Nripendrapada Ray Scholarship.
- Purnachandra Memorial Scholarship.
- Late Debnarayan Chaudhuri Scholarship.
- Late Jamnadhhar Saraf Scholarship.
- Shefali and Nisith Mukherjee Scholarship.
- R. F. Desouza Scholarship.
- Late Lt. Abhishek Ray Choudhury Memorial Scholarship.
- Arindam Chakravati Memorial Scholarship.
- Silpi Vargava Memorial Scholarship.
- Lal Chan Kanoi Scholarship.
- Umakant Agarwal Scholarship.
- Rev. Joris Memorial Scholarship.
- Luxmi Baid Memorial Scholarship.
- Late Prof. D. K. Ghosh Scholarship.
- Manoj Modi Memorial Scholarship.
- Prabudha Bhattacharya Memorial Scholarship.
- Late Raj Prakah Mal Scholarship.
- Mamraj Agarwala Scholarship.
- Dr. Basudeb Banerjee Memorial Scholarship (on merit cum need basis for one M.Sc. Physics and M.Sc. MCB).
- Smt. Manbhawati Devi Agarwal Scholarship to sponsor one student of Commerce (M).



- Mrs. Hiroo Hiranandani Scholarship.
- Arvind Kumar Khaitan Scholarship.
- Prof. Jnanada Kanto Ganguly Scholarship for best English student.

The College recognizes excellence in academic achievements by giving gold medal awards to meritorious students:

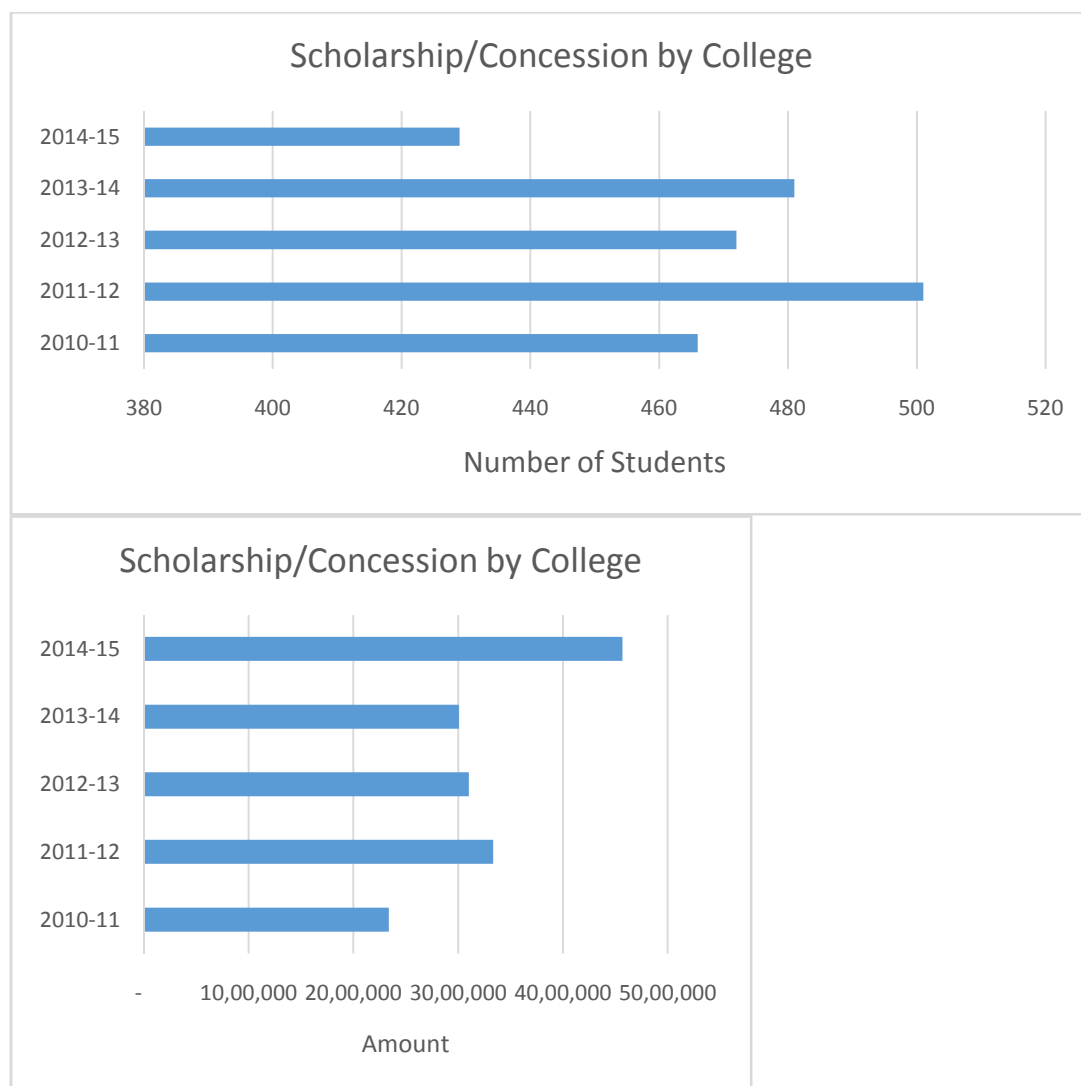
- Fr. Jacques De Bonhome S.J. Memorial Gold Medal Award
- Fr. Achille Verstraeten S.J. Memorial Gold Medal Award
- Fr. Franz Goreux S.J. Memorial Gold Medal Award
- Fr. Henri Depelchin S.J. Memorial Gold Medal
- Fr. Joseph Maliyekal S.J. Memorial Gold Medal Award
- Fr. Paul Joris S.J. Memorial Gold Medal Award
- Fr. Joseph D'Souza S.J. Memorial Gold Medal Award

Other memorial gold medals are:

- Mira Memorial Gold Medal
- Dr. Ranjan Ray Memorial Gold Medal
- B. K. Roy Memorial Gold Medal
- Parpati Chandumal Shahani Memorial Gold Medal
- Soumitra Biswas Memorial Gold Medal Award
- Late Dadheshyam Roy Memorial Gold Medal Award
- D. K. Ghosh Memorial Gold Medal Award
- Ishani Dutta Memorial Gold Medal Award
- Pratap Chandra Sarkar Memorial Prize
- Prof. H.K. Sarkar Memorial Prize
- Dr. Ranjan Ray Memorial Prize
- Hirendra Mohan Mitra Memorial Prize
- Ashish Palit Memorial Prize
- Ram Ghosh Encouragement Awards
- Taparupa Sen Memorial Prize
- Shri Harsh Chandra Baldwa Memorial Award
- Sandip Darolia Memorial Award
- Prabudha Bhattacharya Memorial Prize
- Gold Medal Award for Best Sports Person of the year
- Gold Medal Award for Best NCC Performance of the year

In addition to the above scholarships, number of students getting scholarships and concessions from College are as follows:

Year	Number of students benefitted									Amount
	BA/ BSC	B.Com (M)	B.Com (E)	BBA	MCOM	B. Ed	MSC	Hostel	Total	
2010-11	131	115	138	10	20	8	26	18	466	23,39,211
2011-12	111	169	123	19	26	9	31	13	501	33,35,706
2012-13	136	103	144	9	24	11	37	8	472	31,03,025
2013-14	178	133	121	5	16	5	23	0	481	30,06,870
2014-15	168	163	57	3	10	5	23	0	429	45,70,349



5.1.6 What percentage of students receives financial assistance from state government, central government and other national agencies? (e.g., Kishore Vaigyanik Protsahan Yojana (KVPY), SN Bose Fellow, etc.)

Details of financial assistance received from state government, central government and other national agencies:

State Government/MHRD:

- West Bengal
- Bihar
- Nagaland
- Manipur
- Jharkhand
- Hyderabad

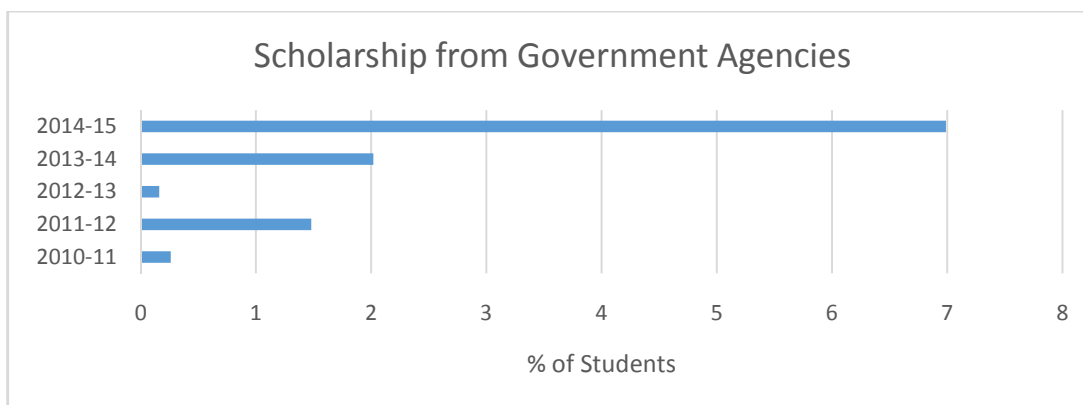
Scholarship Schemes:

- West Bengal Minority Development Financial Corporation
- NCERT
- Kanyashree
- Single Girl Child Scholarship



- European Schools Improvement Association
- Foundation for Academic Excellence and Access.

Scholarship from Government Agencies		
Year	Amount	% of Students
2010-11	108,965	0.26
2011-12	340,750	1.48
2012-13	72,000	0.16
2013-14	649,700	2.02
2014-15	631,800	6.99



5.1.7 Does the College have an International Student Cell to cater to the needs of foreign students? If so, what measures have been taken to attract foreign students?

The College has an International Studies and Programmes Department which is incharge of admissions, registration of foreign students with the Foreigners' Regional Registration Office (FRRO) under the Ministry of External Affairs, GOI. The housing of the students is arranged in the College hostel.

The foreign students are offered a diverse number of courses on a variety of subjects, from which prior to their enrollment they make their preliminary choices. The courses offered to them are designed in a manner that will cater to their academic interests and specialized needs.

In this regard the College website is regularly updated. Again the collaborative exchange programmes expose the foreign students to the academic, intellectual and ethnic sentiments of our country. The students are also given an exposure to the rich diversity of our country through visits organized to places of historical and cultural significance. They in turn pass on their rich experience to succeeding generation of students.

The College has also formulated a credit transfer policy keeping parity with the European and US credit system.



5.1.8 What types of support services are available for

- + overseas students
- + physically challenged / differently-abled students
- + SC/ST, OBC and economically weaker sections
- + students to participate in various competitions/ conferences in India and abroad
- + health center, health insurance etc.
- + skill development (spoken English, computer literacy, etc.,)
- + performance enhancement for slow learners / students who are at risk of failure and dropouts
- + exposure of students to other institutions of higher learning/ corporates/business houses, etc.
- + publication of student magazines

Overseas students: -

Various International Collaboration with Foreign Universities and regular Exchange Programmes are organized, inviting students to participate in various academic courses. Our system of education has wide acceptance and gets appreciation both nationally internationally, encouraging overseas students to apply. The International Studies and Programme office caters to all need of incoming and existing foreign students. The office also maintains a close liaison with the Foreigner's Regional Registration Office in maintaining their entry and exit data with regard to the College.

+ **Physically challenged / Differently-abled students**

The campus is made friendly for the physically challenged students. Access is provided to the elevator. Additional staff are available in the library to assist such students. Ramp is constructed as necessary.

In addition to the above, for differently-abled students the following are available:

- Infrastructure facilities such as ramp, lift, wheel chairs etc.
- Providing writers in separate room during examination.
- Giving extra time during examination.

+ **SC/ST, OBC and economically weaker sections**

For SC/ST and OBC A and OBC B students, reservation is provided for every course as per Government norms. In addition, a number of scholarships are available for the economically weaker sections.

The support services available to SC/ST students are as follows:

- SC/ST cell and NSS to look after their needs
- Consideration in admission
- Fee concession
- Tutorial and remedial classes
- Soft skill training in collaboration with TCS
- Bridge courses prior to admission for SC/ST and minority students
- Book Bank Facilities
- Free hostel accommodation for needy students
- students to participate in various competitions/ conferences in India and abroad



The students of St. Xavier's College, Kolkata regularly participates in various competitions and conferences organized by other institutions. A number of awards are won by our students in various competitions organized by other institutions.

Faculty Members encourage and train students to participate in Seminar, Workshops and Conferences at National and International Levels. Certain departments in Science arranges for student's participation in The Annual Science Congress programmes. Students' paper are also published in various Journals.

Health center, health insurance etc.

On call doctors are available in the campus to address students' health - related issues. Ambulance service is available for any emergencies.

First aid is provided by NSS, a well-equipped infirmary with support staff. A Jesuit Brother is the in charge of the infirmary which has a comprehensive list of doctors from specialization areas. Most of the doctors are our own alumni/ae. There is also free medical clinic within the campus. Group health insurance scheme for the students has not yet been introduced. There are regular health checkups organized in the hostel.

Skill development (spoken English, computer literacy, etc.,)

Courses that can be taken with the regular curriculum are

- Certificate and diploma courses under Career Oriented Programme.
- DOEACC Computer Courses and ORACLE certified courses under the Computer Centre.
- Certificate and diploma courses under COP, DOEACC courses of the Computer Centre, and Communicative English course, offer career training.
- Employability Skills Training course offered by St. Xavier's College in collaboration with Tata Consultancy Services.
- EDC offers Skill Set Training in Science and Technology sponsored by DST in collaboration with industry, Entrepreneurship Development Programme sponsored by DST and Entrepreneurship Awareness Programme sponsored by EDI.
- Compulsory one credit co-curricular programme in social and community service through the department of Social Work to promote community orientation.
- Ten day programme in villages offered by NSS and AICUF twice a year (May-June and September-October) for training and community orientation.
- Disaster Management, Road Safety Awareness and Health Awareness programmes organized by the department of social work.
- Leadership Training programmes offered by NSS, AICUF and LTS to develop skills.
- Annual Spiritual retreats and a weekly two semester moral course for Christian students.

The following career oriented and skill development programmes are offered by the college.

Logistics and Supply-Chain Management ** (LSM)

In collaboration with Council of Supply Chain Management Professional (CSCMP)

Course Type: Post Graduate Diploma

Duration: One year



Eligibility: Graduates/appeared final degree exam.

Course Fee: Rs. 40000 /-

Human Resource Management (HRM)

Course Type: Post Graduate Diploma

Duration: One year

Eligibility: Graduates/appeared final degree exam.

Course Fee: Rs. 45000 /-

Mass Communication and Public Relation (MCP)

Course Type: Post Graduate Diploma

Duration: One year

Eligibility: Graduates/appeared final degree exam.

Course Fee: Rs. 45000 /-

Marketing and Sales Management (MSM)

Course Type: Post Graduate Diploma

Duration: One year

Eligibility: Graduates/appeared final degree exam.

Course Fee: Rs. 45000 /-

Integrated Marketing Communication (IMC)

Course Type: Post Graduate Diploma

Duration: One year

Eligibility: Graduates/appeared final degree exam.

Course Fee: Rs. 45000 /-

Certified Accounts Professional (CAP)

Course Type: Diploma

Duration: One year

Eligibility: Under-graduate / Graduate.

Course Fee: Rs. 25000 /-

N.S.E. Certified Capital Market Professional (NCCMP)

In Collaboration with National Stock Exchange of India Ltd Knowledge Empowered by Kredent Academy

Course Type: Certificate

Duration: Seven months

Eligibility: Under-graduate / Graduate.

Course Fee: Rs. 20000 /-

Foreign Trade Practices and Management (FTM)

Course Type: Certificate

Duration: Seven months

Eligibility: Under-graduate / Graduate.

Course Fee: Rs. 15000 /-

Tax Practices and Procedures (TPP)

Course Type: Certificate

Duration: Seven months

Eligibility: Under-graduate / Graduate.



Course Fee: Rs. 15000 /-

Computer Literacy and Applications (EXPERT)

Course Type: Certificate

Duration: Four months

Eligibility: Secondary level

Course Fee: Rs. 3500/-

Diploma in Multimedia and Animation

Course Type: Diploma

Duration: One Year

Eligibility: Higher Secondary level

Course Fee: Rs. 30000/-

+ Performance enhancement for slow learners / students who are at risk of failure and dropouts

Besides, competence enhancement classes, classes for students who fail in end semester exams or those who express the need for additional coaching; remedial classes are conducted in the evenings or during the week ends. This also has helped in improving the pass percentage.

The support services available for differently-abled students are as follows:

- Prior to admission, bridge courses.
- Special consideration is given in admission.
- Infrastructural facilities like ramps, lift and wheel chairs.
- Separate rooms, writers and extra time during examinations.
- Tutorial classes by teachers.
- Special care and concern for such students by the administration, staff and various societies.
- Special seating arrangements and necessary technical supports for such students.

+ Exposure of students to other institutions of higher learning/ corporates/business houses, etc.

Students of the B.Com department are sent for Industry Training and Internship Programmes on a regular basis. Students Selected from the various departments are sent to the Foreign Universities through the International Studies programme.

+ Publication of student magazines

The college provides opportunity to students to write articles which are printed in the annual magazine. Besides this, some departments publish news letters or wall papers periodically.

The Following are the magazines published by different department and societies of the College: -

Avishkar	A Multidisciplinary Xavierian Journal of Research which has received ISSN Number
Magis	Xaverian Journal of Education which has received ISSN Number
Eduvision	Magazine of the Education Department
Chaisma	Magazine of the Biotechnology Department



DNA	Magazine of the Microbiology Department
Elixir	Magazine of the Chemistry Department
Horizon	Magazine of the Physics Department
Beacon	Magazine of the Mathematics Department
Prokarsho	Magazine of the Statistics Department
Eco Echoes	Magazine of the Economics Department
Political Science	Journal of the Political Sc. Department
Young Sociologist	Journal of the Sociology Department
X-Ecutive	Magazine of the BBA Department
You Think	Magazine of the Commerce Department which has received ISSN Number
Ode to Expression	Magazine of the English Academy
Kadam	Magazine of the NSS Department

“**THE XAVERIAN**” is the annual College Magazine released by the Chief Guest on Valedictory and Convocation Day of the College.

5.1.9 Does the College provide guidance / coaching classes for Civil Services, Defense Services, NET/SLET and any other competitive examinations? If yes, what is the outcome?

- Regular classes are conducted in the evenings and on weekends for students to prepare them for civil services and other competitive exams.
- Different departments of the college offer guidance to final year students to enable them to prepare for competitive exams, entrance tests at the post graduate level and other tests.
- The College provides academic guidance to students appearing for the Civil Service examinations through its IAS Guidance Cell. Along with regular Faculty Members, IAS and IPS officers of different batches come to provide their valuable guidance to the Civil Services aspirants.

5.1.10 Mention the policies of the College for enhancing student participation in sports and extracurricular activities through strategies such as

***additional academic support and flexibility in examinations**

The college has a glorious tradition of excellence in sports, games and athletics. The college has developed a support mechanism to guide students who want to take up a career in sports.

In case the students participate in external sports events, additional leaves are arranged for them as necessary on a case to case basis for some students.

*** special dietary requirements, sports uniform and materials**

Students who represent the college in any sports or games event are provided with uniform, necessary sports material and allowance for travel and food.



*** any other**

The institution has a large number of cultural societies and associations which organize activities throughout the year to facilitate a rich curricular culture in the college. The sports department organizes different kinds of sports and games, inter and intra college competitions at the state and national levels involving a large cross section of the student community from different departments.

The students' union and the student societies organize various student cultural activities. In brief the activities of the various societies are as follows:

- + Students Union (SU): - It organizes "XAVOTSAV" – three day annual inter College festival. This annual event turns out to be the cynosure of the city.
- + Xaverian Academy of Dance and Music (XADAM): -XADAM is a performing arts body training students in classical and contemporary vocal music and dance. The cultural programme for the inaugural day and welcome function for freshers is conducted by XADAM. XADAM also trains students to perform for the Convocation and Valedictory function, the annual sports and Independence Day ceremony. Rabindra Jayanti (25th Baishak) and Rabindra Pryan Dibas (22nd Sravana) is celebrated with choreographed versions of poems, songs and dances of Tagore. XADAM presented a 30 minute performance of classical Indian dances and vocals on Teachers Day to pay their respects to their teachers.
- + The English Academy (EA): - The English Academy has been instrumental in nurturing and developing the creative talents of students through such cultural events as Literature Quiz Contest, inter College poetry and creative writing competitions, seminars and film screenings. The annual event of the Academy is English Literaria, a day-long inter College competition including writing competition, extempore, and literary debate. As part of the 150 years' celebration, the Academy held a two day Shakespeare Film Festival where cinematic adaptation and rare prints of silent Shakespeare films were screened. This was followed by an inter-College student seminar. The students of the academy represent the department in several university debates and quiz competitions to win laurels for the College.
- + Bengali Literary Society (BLS): - Established in the year 1930. A book named "Parampara" was published on this occasion. BLS annually celebrates the Bhasa Dibas (21st February) and Rabindra Tirodhan Dibas in which seminars and cultural functions are held. It has recently launched its Bengali literary magazine "Tirpurni".
- + Hindi Literary Society (HLS): - The society organizes events related to the National language through intra departmental debates and essay writing competition. The HLS organizes an annual inter College festival, "Vividha" hosting events in debate, extempore, recitation, instrumental music, solo vocal, classical and folk dance and drama. The society has recently launched a literary magazine, "Bahurang".
- + Fine Arts Society (FAS): - This society concerns itself primarily with organizing and hosting events in western contemporary and classical music, painting and photography. The most ambitious project of the society has been the founding of



the St. Xavier's College Choir directed by Prof. B. Da Silva and Prof. C. Mirza. Over the last five years the society has organized three St. Xavier's College choir concerts, an annual art photography competition, and annual western classical and contemporary music concerts.

- ✚ Xaverian Debating Society (XDS): - The XDS trains the student in the twin disciplines of debating and quizzing. The society students have participated in various debating and quizzing contests and have performed extremely well.
- ✚ Xaverian Theatrical Society (XTS): - XTS is a vibrant and colorful society which has truly revolutionized the art of performing multi lingual plays by incorporating songs, dances and on-stage costume changes. It participates regularly in theatre festivals and performs street plays.
- ✚ Women's Cell (SWAR): - The cell is about understanding our everyday experiences more critically through lectures, counselling, research, seminar, workshops and film shows. Its annual activity is the celebration of International Women's Day through seminars and discussions emphasizing on the idea of the "New Women" who is independent, confident and successful. Very recently in collaboration with NSS and IWART (International Association of Women in Radio and Television) SWAR has started its Gender Sensitization Seminar cum workshop.
- ✚ Xavier's Commerce Society (XCS): - The objective of the society is to develop and promote business skills in our students. It annually arranges (a) INSIGNIA, a national level annual inter-College management fest in which Colleges from other states participate. (b) YOU THINK, the annual journal of the commerce department. (c) INNOVISION/ INTELLIGENTSIA, the annual seminar where professionals from renowned institutions share their wisdom with the students and answer questions raised by the students.
- ✚ Xavier's Mangement Society (XMS): - Xaviers Mangement Society belives in inspiring students to dream and learn more by nurshring leaders in the process. The society provides students with a platform to explore their management prowess. Xavier's Management Convention is one of the most awaited events of the society featuring top Colleges from all across the country to participate in a plethora of events related to management. X-talk is a panel discussion organized by the society wherein eminent personalities from various fields share their views on different topics. The annual magazine, "The X-ecutive" features articles from students faculty members and various seasoned professionals along with interviews with leading businessmen and industrialist.
- ✚ Xavier's Sociological Society (XSC): - XSC publishes its annual journal "Young Scoliologist" including contributions of students and faculty members, which is followed by an external experts lecture.
- ✚ Xavier's Economics Society (XES): - The XES organizes the annual National Economics summit "Confluence" which involves the participation of emminet instituions from across the country along with lectures delivered by emminet academicians. The society publishes its Economics Journal "Eco Echoes" involving



students and teachers of the department. Delegation from the society are sent to various economics summit across the country each year.

- + Xaver's Statistical Society (XSS): - XSC organizes its annual national seminar involving academicians from eminent institutions. It encourages students to participate in different events over the year. The society also publishes its annual magazine "Prakarsho" representing the collaborative efforts of the teachers and students of the department.
- + Xaverian Film Academy (XFA): - XFA actively hosts workshops, interactive sessions, films screenings for its much anticipated annual fest "Cinematheque" which has grown into one of the most awaited student film festivals in Kolkata. The festival has been host to a wide array of competitive categories including short fiction film making, documentary film making, music videos, advertisement films, photography contest, film reviews etc.
- + Science Association: - The St. Xavier's College Science Association has always aimed to promote scientific interest and awareness in all students of the institution. It involves a number of events such as Quest, an intra college quiz and debate competition, science exhibition. The society also publishes its annual magazine "Pebbles" containing articles scientific papers by students and teachers of the department.
- + National Service Scheme (NSS) :- The Department of Social Work and NSS (National Service Scheme) reaches out to under-privileged and marginalized sections of our society. The motto – "Not me but you" upholds the need for a selfless society. The College has adopted the following villages as part of the College to Village, Village to College programme – Nurshidarchowk, Debipur, Shalpur, Paikhala, Balarampur, Hogulkuria (New Village), Bholakhali, Gurap, Pandua, Jhantipahari
The College conducts: -
 - + Awareness programmes on Persons with Special Need.
 - + Green Clean Neighborhood throughout the year.
 - + I-Camp organized in the villages like Raghobpur.
 - + Sunday Literacy and Education project in the villages of Debipur, Shalpur, Balarampur, Paikhala and Nurshidarchowk.
 - + Women's Day celebration addressing issues like Domestic Violence, Child Marriage, Education of Girl Children and General Safety.
 - + Art workshop for the rural children for career oriented empowerment
 - + Street plays based on social issues.
 - + Shishu Mela.
 - + Winter Camp organized in Shalpur for constructing brick laden roads.
 - + The "Prayas Camp" is held annually to promote the "Village to College" theme involving 60 rural students of standard 11 and 12.
- + All India Catholic University Federation (AICUF): - The AICUF is an All India Movement with a membership of 30,000 students in 300 units in 12 states. It arranges the annual state level leadership camps during summer and puja vacations,



the annual AICUF day celebration, social service activities, study sessions, seminars and retreats. Six villages in Malda have been adopted where village children are helped for their study. The motto of AICUF is: "We are born in an unjust society and we are determined not to allow it to be as we have found it.

+ National Cadet Corps (NCC): - The NCC conducts parades in the College grounds and Fort William on important occasions. It participates in the Independence Day celebration in the College grounds where NCC cadets of the College offer the Chief Guest the ceremonial guard of honour and Rashtriya Sthapana to the National Flag. Ex-cadets of the College are selected in various military academies, various cadets also represent the state in national integration camps and cultural competitions.

+ Leadership Training Service (LTS): - LTS develops the concepts of collective leadership and situational leadership. LTS members actively collaborate in organizing several events connected with environmental concern, social service and winter carnival.

Sports: - the Sports department of the College encourages the students to participate in various events such as Tennis, Basketball, Badminton, Football and various other intercollege and intra College events. The College boasts of University Blues in chess, Table tennis, Squash, Hockey, Basketball, Rowing, Badminton, Lawn Tennis, Shooting and Snookers. Sports department organizes its annual sports day programme involving students and teachers in various events.

5.1.11 Does the College have an institutionalized mechanism for placement of its students? What services are provided to help students identify job opportunities, prepare themselves for interview, and develop entrepreneurship skills?

The college has an institutionalized mechanism for placement of students. The Placement cell coordinates with HR departments of various corporates/MNCs and organises recruitment at the college campus.

From the year 2015, the college has subscribed to an online placement portal through epaathsaala, where additional placement support is provided to the students. The process of registration to job posting is also being automated using the same platform.

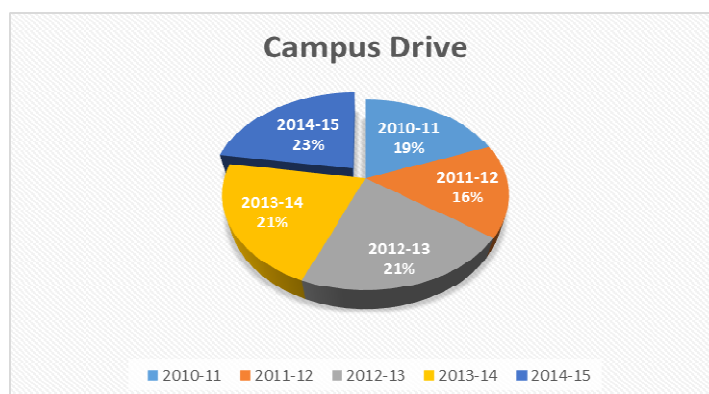
St. Xavier's College Placement Cell had started in the year 2004 and is running very well and organized. Every year our placement cell arranges seminar, soft skill development training, and internship Programme/training with the help of our corporate partners. Students get an opportunity to learn about how to choose a right path for their career, writing of a CV, interview techniques, participating in GD etc. Moreover, we have our alumni members who come forward and render a helping hand through counseling and career guidance to all individuals. Also placement cell core committee members and student volunteers always be there to help them in their career path. Through placement cell every year we do invite new companies to come for campus drive in different fields, so that every student can take part in the campus drive.



5.1.12 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus annually for the last four years).

Several job seeking students are employed through campus recruitment process. Quite a few of BCOM, BBA students become entrepreneurs. The following table provides a picture of recruitment of the students through campus recruitment:

Year	Campus Drive	Off Campus	Recruitment	Major in takers
2010-11	34	22	224	WIPRO, TCS, INFOSYS, GOOGLE, IBM DAKSHA, COGNIZANT. MCKINSEY, BOA ICICI, HSBC, L&T, DELLOITTE INDIA, NDTV's ETC
2011-12	28	26	322	
2012-13	38	34	380	
2013-14	38	38	526	
2014-15	40	42	502	



5.1.13 Does the College have a registered Alumni association? If yes, what are its activities and contributions to the development of the College?

The college has a registered Alumni Association.

St Xavier's college boasts of an illustrious alumni association comprising of eminent personalities in both academics and industry. The alumni group is active in many ways: It organises meetings on a regular basis to mobilise funds for college welfare, social welfare activities, cultural activities. There are national and international chapters in places like Goa, USA, Europe and Australia. The alumnus directory is updated regularly for information related to their activities.

The College has a very strong Alumni/ae Association with around 4000 members. The Principal of the College is the ex-officio President of the association. The activities are as follows:

- ✚ Increase networking by means of setting up alumni/ae chapters in other Indian cities as well as countries abroad.
- ✚ Organizing the annual cultural show, "Beyond Barriers" to raise funds.
- ✚ Organizing "Beyond Boundaries", an international convention.
- ✚ Organizing the Fr. Joris Memorial debate.
- ✚ The celebration of the Teachers' Day to pay their respects to their teachers.



- ✚ Assisting and taking up various social projects such as- running a school in “Paikhala” village in South 24 Parganas.
- ✚ In collaboration with the College NSS the alumni/ae association has adopted ‘Bholakhali’, an Aila affected village.
- ✚ In 1985, when the College celebrated its 125 years, the association built up a substantial scholarship fund. The association continues to raise funds for College’s development activities but also for scholarships. In the 1st International Convention held in Bangkok in July 2010, the association raised Rs. 10 lakhs towards scholarships, particularly for 1st generation learners.
- ✚ The association usually meet every Friday for fellowship and an open forum is held on the 1st Friday of every month where the Principal is present along with the honorary secretary and other governing council members.
- ✚ The Governing Council meets once in three months.
- ✚ The association has a dedicated office within the campus on the ground floor with a fulltime office attendant.
- ✚ Besides philanthropic activities the association extends its assistance to members of the association, and staff and students of the Colleges under exigencies.
- ✚ The association helps in forming and consolidating alumni associations in other institutions.
- ✚ SXCCAA is one of the many Jesuit alumni associations in India affiliated to Jesuit Alumni Association of India (JAAI). It is also a part of the International Federation World Union of Jesuit Alumni (WUJA).

5.1.14 Does the College have a student grievance redressal cell? Give details of the nature of grievances reported and how they were redressed.

- ✚ The college has a Students’ Grievance Redressal Cell. The cell meets whenever necessary and takes prompt action to resolve the complaints that are brought to its notice. Each complaint is suitably addressed at the earliest.
- ✚ An online link is provided in the college website through which the students may submit their grievances. The grievances submitted in the online portal is carefully reviewed and addressed by the cell.
- ✚ After the grievance is addressed to the satisfaction of the student, the grievance is disposed of by the Principal.
- ✚ The Vice Principal and the Dean of Students Council are available to address the grievances of the students in their free time. The students can bring their problems to them directly or through their student representatives who are members of the Student Council. All kinds of problems faced by them, in the teaching or administrative areas are addressed speedily
- ✚ There is a Grievance Redressal Cell (GRC). The cell is vested with the authority to arbitrate any type of grievances raised by the students of the College. The committee members of GRC examine the complaint and recommend the case, if necessary, to the Principal. The Principal is the final authority to take action.



- ✚ St. Xavier's has had a great tradition of transparency and freedom. Students are always encouraged to express their difficulties, problems and grievances directly to the authorities and the faculty and these would be promptly looked into.

The Jesuit maxim '*Give us a boy and we shall return a man and a citizen of the country*' has always influenced the thinking and interaction within the institution.

5.1.15 Does the College have a cell and mechanism to resolve issues of sexual harassment?

- ✚ SWAR (Women cell of the College) organizes lectures and interactive sessions for the students where they are motivated and empowered to handle any kind of harassment they face in the world outside.
- ✚ The college has a committee against sexual harassment which takes up various cases of sexual harassment if any.
- ✚ There is a committee against Sexual Harassment to look into such matters. Prior to the formation of the committee, SWAR – the women's cell of the College looked into such cases. The discipline and the atmosphere of the College are such that there prevails gender equality and harmony within the campus. There has been only one case of sexual harassment till date.

5.1.16 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

- ✚ The college does have an anti-ragging committee consisting of Professors and headed by the Principal as the chairperson of this committee as mentioned in the college prospectus which deals with various cases of redressal and remedies.
- ✚ No major instances of ragging have been reported so far.
- ✚ The Vice Principal and Deans of the respective offices strictly monitor the students especially during the admission period. However, ragging cases have not been identified so far in the College.

5.1.17 How does the College elicit the cooperation from all stakeholders to ensure overall development of the students considering the curricular and co - curricular activities, research, community orientation, etc.?

- ✚ Parent teacher meetings are held periodically. Feedback is obtained from the parents at an informal level during these meetings.
- ✚ Feedback link is provided in the college website where all stakeholders may provide feedback on various institutional provisions. The data is analysed and the reports are automatically created by a software. The IQAC reviews the reports and the suggestions are communicated to the management.

5.1.18 What special schemes/mechanisms are in place to motivate students for participation in extracurricular activities such as sports, cultural events, etc.?

The college has come up with the following strategies to motivate students to participate in extracurricular activities:



Exemption from the house tests and attending classes.

Incentives and concessions such as free ships, scholarships and free hostel accommodation are provided

The institution has a large number of cultural societies and associations which organize activities throughout the year to facilitate rich curricular culture in the college. The sports department organizes different kinds of sports and games, inter and intra college competitions at the state and national levels involving a large cross section of the student community from different departments. Each Society organizes inter department events as well as an annual event involving participants from the college and other Colleges from the city and the state.

5.1.19 How does the College ensure participation of women in 'intra' and 'inter' institutional sports competitions and cultural activities? Provides details of sports and cultural activities in which such efforts were made?

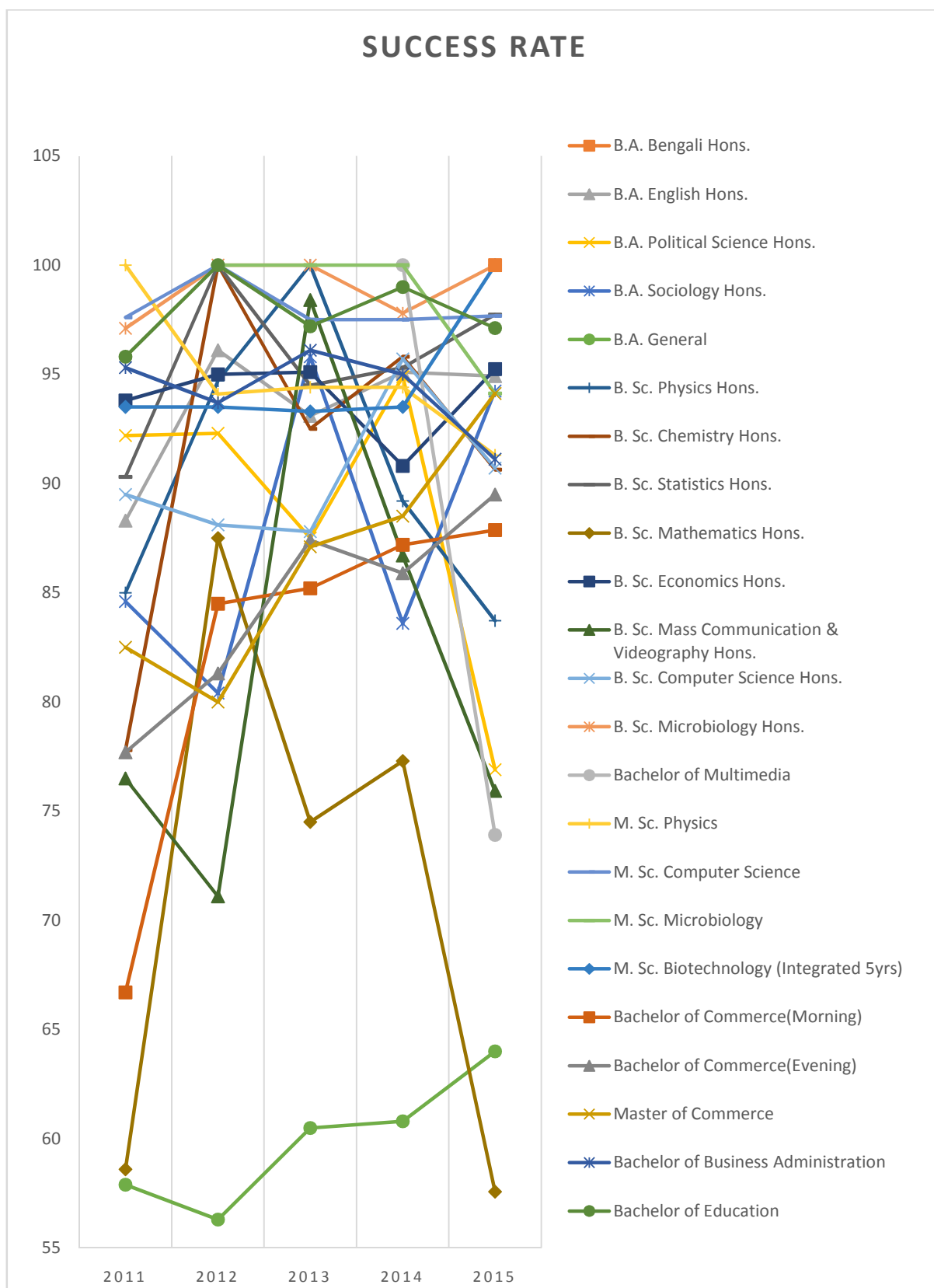
A considerable number of female participants are encouraged to represent the College in a variety of events at the State and National level championships. Many female students participate in intra and inter institutional cultural events such as Creative Writing Competitions, Quizzes, Debates, Seminars and Paper Presentations. Students are also selected on the basis of their academic merit to participate in Inter University International Student Exchange Programmes annually.



5.2 Student Progression

5.2.1 Provide details of programme-wise success rate of the College for the last four years. How does the College compare itself with the performance of other autonomous Colleges / universities (if available)

Stream	Programme	2011	2012	2013	2014	2015
Arts	B.A. Bengali Hons.					100.00
	B.A. English Hons.	88.30	96.10	93.10	95.10	94.92
	B.A. Political Science Hons.	92.20	92.30	87.50	94.90	76.90
	B.A. Sociology Hons.	84.60	80.40	95.80	83.60	94.23
	B.A. General	57.90	56.30	60.50	60.80	64.00
Science	B. Sc. Physics Hons.	85.00	94.70	100.00	89.20	83.72
	B. Sc. Chemistry Hons.	77.80	100.00	92.50	95.80	90.63
	B. Sc. Statistics Hons.	90.30	100.00	94.50	95.30	97.73
	B. Sc. Mathematics Hons.	58.60	87.50	74.50	77.30	57.58
	B. Sc. Economics Hons.	93.80	95.00	95.10	90.80	95.24
	B. Sc. Mass Communication & Videography Hons.	76.50	71.10	98.40	86.70	75.93
	B. Sc. Computer Science Hons.	89.50	88.10	87.80	95.70	90.70
	B. Sc. Microbiology Hons.	97.10	100.00	100.00	97.80	100.00
	Bachelor of Multimedia				100.00	73.91
	M. Sc. Physics	100.00	94.10	94.40	94.40	91.30
	M. Sc. Computer Science	97.60	100.00	97.50	97.50	97.67
	M. Sc. Microbiology		100.00	100.00	100.00	94.12
	M. Sc. Biotechnology (Integrated 5yrs)	93.50	93.50	93.30	93.50	100.00
	Bachelor of Commerce(Morning)	66.70	84.50	85.20	87.20	87.87
	Bachelor of Commerce(Evening)	77.70	81.30	87.40	85.90	89.50
	Master of Commerce	82.50	80.00	87.10	88.50	94.12
Management	Bachelor of Business Administration	95.30	93.70	96.10	95.00	91.11
Education	Bachelor of Education	95.80	100.00	97.20	99.00	97.12





5.2.2 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the observed trends.

Student progression	%
UG to PG	68%
PG to M. Phil.	4.15%
PG to Ph.D.	3.35%
Employed	
• Campus selection	12.45%
• Other than campus recruitment	9.7%

Campus Selection: - Campus Selection is when companies visit the campus to select students.

Other than campus recruitment: - the College Placement Cell identifies students, sends them to different companies for them to undertake the selection procedures.

5.2.3 What is the Programme-wise completion rate/dropout rate within the time span as stipulated by the College/University?

Students of various departments report to the faculty members informally. However official data is not available on a regular basis. An attempt is made to collate data students in higher research from the current academic year.

5.2.4 What is the number and percentage of students who appeared/ qualified in examinations like UGC-CSIR-NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central / State services, Defense, Civil Services, etc.

A large cross-section of students from different departments qualify for the aforesaid Academic and Public Service Examinations in different subjects.

5.2.5 Provide details regarding the number of Ph.D/D.Sc./D.Litt. theses submitted, accepted, resubmitted and rejected in the last four years.

Nil

5.3 Student Participation and Activities

5.3.1 List the range of sports and games, cultural and extracurricular activities available to students. Provide details of participation and programme calendar.

St. Xavier's College (Autonomous), Kolkata is a premier institute of higher education in India with the motto of 'Nihil Ultra' - Nothing Beyond. Focusing on this motto, the institution encourages not only a sound academic development of the students, but also stresses on the co-curricular activities to ensure a holistic development of the student's personality and help in 'preparing men and women for others'. In this regard, the College organizes a number of events – Academic and Co-curricular, throughout the year, which may be broadly divided into the following three categories:

🚩 Overall College Events;



- ✚ Academic Events organized by respective faculties; and
- ✚ Co-curricular Events organized by Societies.

These events are organized by the St. Xavier's College Students' Union (SXCSU) or by a Society.

The details of such events must be submitted to the Principal of the College.

Overall College Events	
Events	Concerned Department/Society/Association
Feast of St. Francis Xavier	St. Xavier's College
Feast of St. Ignatius of Loyola	St. Xavier's College
Convocation and Valedictory	St. Xavier's College
College Foundation Day	St. Xavier's College
New Session Inauguration	St. Xavier's College
Xavotsav	St. Xavier's College Students' Union (SXCSU)
Societies' Exhibition	St. Xavier's College Students' Union (SXCSU)
Xaverian Parliament	St. Xavier's College Students' Union (SXCSU)
Independence Day	National Cadet Corps (NCC)
Sports Day	Department of Sports
Shishu Mela	National Social Service (NSS)
Blood Donation	National Social Service (NSS)
Teacher's Day	St. Xavier's College Students' Union (SXCSU) and St. Xavier's College Calcutta Alumni Association (SXCCAA)

These events are organised by the concerned academic department. The details of such events must be submitted to the concerned Vice Principal. The different academic events organised are as stated below:

Academic and Co-curricular Events	
Events	Concerned Department/ Society
Inertia	Department of Commerce (Management)
Insignia	Xavier's Commerce Society (XCS)
Xavier's Management Convention	Business Administration
Literaria	The English Academy
Earth Summit	Environmental Science
Confluence	Economics
Analytica	Mathematics
Spectrum	Physics
Microbiology	Modern Trends in Microbiology



N.B.: No Fresher's Welcome or Farewell (whether inside or outside the college campus) should be organized by any faculty/ department.

These events are organized by the concerned Society. The Principal of the College has appointed professors for proper guidance and governance of the respective societies. Such events can be organized only during Fridays, Saturdays, Sundays and Holidays. The details of such events must be submitted to the Principal or concerned Vice Principal.

Extra-curricular Events	
Events	Concerned Society
Goonj	Xavier's Academy of Dance and Music (XADAM)
Xav-Ullash	Bengali Literary Society (BLS)
Vividha	Hindi Literary Society (HLS)
Western Music Concert	Fine Arts Society
Imago	Film Society
Fine Arts Exhibition	Fine Arts Society
Science Exhibition	Science Association
Photography Exhibition	Fine Arts Society
Camps	National Social Service (NSS), National Cadet Corps (NCC), All India Catholic University Federation (AICUF), Leadership Training Service (LTS)

5.3.2 Provide details of the previous four years regarding the achievements of students in co-curricular, extracurricular activities and cultural activities at different levels: University / State / Zonal / National / International, etc.

XADAM had been invited to perform in the Chaitra Parva Mahotsav on 11th of April 2015 by the Sareikella State Academy of CHHAU of Government of Jharkhand. (6 Students performed)

5.3.3 How often does the College collect feedback from students for improving the support services? How is the feedback used?

- Feedback link is provided at the college website to collect feedback from students and other stakeholders on support services. The feedback is automatically analysed by epaathsala software and the results are made available to the IQAC office.
- Feedback is also taken from students during Principal's meet with the students at an informal level.
- The results are reviewed by IQAC and suggestions are communicated to the management.
- Feedback link is provided at the college website to collect feedback, academic and non-academic from students and other stakeholders on support services. The feedback is analysed by the Feedback Committee (FC) for improvement measures to be implemented.
- Feedback is also taken from the students during the Principal's interaction with them at the Students' Parliament.



5.3.4 Does the College have a mechanism to seek and use data and feedback from its graduates and employers, to improve the growth and development of the College?

Feedback link is provided at the college website to collect feedback from its graduates and employers. The feedback is analysed by a software and the results are assessed and required measures undertaken.

In addition, the management take feedback from the students and the alumni at various levels. The college has a Placement Cell Officer who regularly gets the feedback from the employers and takes necessary action.

5.3.5 How does the College involve and encourage students to publish materials like catalogues, wall magazines, College magazine, and other material? List the major publications/ materials brought out by the students during the previous academic session.

The faculties of the respective departments always encourage the students to publish materials in the college magazines and the wall magazines of certain departments.

The students are motivated to express their talent through articles, paintings, and graffiti. Their creativity is given a free flight. The college magazine provides them with a platform to express their talents. Students and staff are expected to contribute articles/poem/story etc. to it. Wall magazines are also published by the different departments Like Mathematics (SANKET), Chemistry (Cluster) and NSS (PRAYAS) occasionally to give expression to the thoughts and aspirations of the students.

The faculties of all the departments encourage and take active part with the students to publish in the college magazines, departmental magazine, magazines of various societies and the wall magazines.

The wall magazines are also published by the different departments Like Mathematics (SANKET), Chemistry (Cluster) and NSS (PRAYAS) occasionally to give expression to the thoughts and aspirations of the students. The following are the list of magazine published by the college and its different department: -

Name of Magazines	Department Publishing
The Xaverian	Annual College Magazine
Avishkar	A Multidisciplinary Xaverian Journal of Research which has received ISSN Number
Magis	Xaverian Journal of Education which has received ISSN Number
Eduvision	Magazine of the Education Department
Chaisma	Magazine of the Biotechnology Department
DNA	Magazine of the Microbiology Department
Elixir	Magazine of the Chemistry Department
Horizon	Magazine of the Physics Department
Beacon	Magazine of the Mathematics Department
Prokarsho	Magazine of the Statistics Department
Eco Echoes	Magazine of the Economics Department



Young Sociologist	Journal of the Sociology Department
X-Ecutive	Magazine of the BBA Department
You Think	Magazine of the Commerce Department which has received ISSN Number
Ode to Expressions	Magazine of the English Academy
Kadam	Magazine of the NSS Department

5.3.6 Does the College have a Student Council or any similar body? Give details on its constitution, major activities and funding.

St Xavier's College Students Union is an apolitical body which has several cultural societies operating under its wing. It organises programmes throughout the year involving different departments.

Overall College Events	
Events	Concerned Department/Society/Association
Xavotsav	St. Xavier's College Students' Union (SXCSU)
Societies' Exhibition	St. Xavier's College Students' Union (SXCSU)
Xaverian Parliament	St. Xavier's College Students' Union (SXCSU)
Teacher's Day	St. Xavier's College Students' Union (SXCSU) and St. Xavier's College Calcutta Alumni Association (SXCCAA)

5.3.7 Give details of various academic and administrative bodies that have student representatives on them. Provide details of their activities.

St. Xavier's College Students' Council – General Secretary represents students in most of the committees. There are some committees in which different students from different cell represent like (SWAR, NSS, SC/ST Cell, Placement Cell etc.) the committees are as follows : -

- Internal Quality Assurance Cell (IQAC)
- Committee for Review of Autonomy (CRA)
- Disciplinary Committee (DC)
- Curriculum Re-Structuring Committee (CRC)
- Remedial and Tutorial Care Committee (RTCC)
- Anti-Ragging Committee (ARC)
- Dress Code Committee (DCC)
- Committee Against Sexual Harassment (CASH)
- Equal Opportunity Cell (EOC)
- Disaster Management Committee (DMC)
- Student Grievance Cell Committee (GCC)
- Outreach Programme Committee (OPC)
- Canteen Committee (CC)
- Placement Cell Advisory Committee



CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 State the vision and mission of the College.

Vision and Mission Statement

History beckons, St. Xavier's College is a hundred and fifty-six years young. St. Xavier's is a metaphor for commitment, care and service, and this momentous hour of the history of our college makes us, the Xaverian articulate our pledge for posterity, our 'vision' of the 'mission' of St. Xavier's College, our ambition and aspiration for future. We are proud of the progress of St. Xavier's College of today - a precious seed has prospered into a vital, virtuous tree. The college has evolved into a nationally ranked, multifaceted and co-educational institution. As enunciated in its Mission Statement, St. Xavier's has, during the days of its journey welcomed those of all beliefs and traditions, and has respected and valued 'the diversity which their membership brings to the College Community.' Accommodation of such diversity has always been the abiding attribute of any Jesuit enterprise. Founded under the auspices of a particular religious denomination, we, today, find ourselves completely secular in character. We are determined to preserve this identity. We firmly believe that the distinctive Catholic and Jesuit character of the College, both in tradition and spirit is integral to our identity. We believe that St. Xavier's College can remain faithful to its heritage and extend its intent to meet the intellectual and spiritual challenges of the contemporary and future academic world. Working conscientiously and creatively, we shall forge a vision of what St. Xavier's can be as a Catholic and Jesuit College for the twenty-first century. The following version of our Vision Statement crystallizes our critical self-understanding of the Mission of St. Xavier's College. We are certain that it will further the prospects for an ongoing dialogue with our peers as we discover anew the Catholic and Jesuit dimensions of the future of the College. Rooted in the life, love and teachings of Jesus Christ and inspired by the Ignatian Vision of forming men and women for others, St. Xavier's continues to strive:

Our Vision

To promote a society based on love, freedom, liberty, justice, equality and fraternity.

Our Mission

- ✚ To become a center of excellence in Higher Education;
- ✚ To excel in all areas of teaching-learning, research and consultancy;
- ✚ To contribute to the creation of knowledge and to search for the meaning of life;
- ✚ To provide education that qualifies as international class for our students;
- ✚ To be a bridge between the rural-urban divide, taking the benefits of education to the poor and the marginalized, aiming at their empowerment;
- ✚ To ensure access to and equity in higher educational opportunity to all deserving and meritorious students with a preferential option for the poor and marginalized, irrespective of caste and creed;



- ✚ To inspire and challenge all segments of the college to raise the realm of good too great to greater, through continuous quality assessment;
- ✚ To offer subjects for competence building and motivate / animate a work force imbued with human values;
- ✚ To become a home of culture and to consciously promote communal harmony and cultural integration to create an atmosphere of dialogue in the campus;
- ✚ To promote academic exchange and academia-industry interfacing, taking advantage of the latest technology;
- ✚ To develop application-oriented courses, with the necessary inputs of values, with a view to produce all-round development of persons;
- ✚ To form young men and women of competence, commitment, conscience and compassion;
- ✚ To contribute to the well-being of the nation without counting the cost; in the spirit of NIHIL ULTRA (Nothing Beyond), the motto of St. Xavier's;
- ✚ To focus on
 - (i) Access to Knowledge;
 - (ii) Knowledge-concepts;
 - (iii) Knowledge-creation;
 - (iv) Knowledge-application and
 - (v) Development of better knowledge services.

Value Framework to accomplish our Mission

- ✚ Fostering passionate pursuit for academic and intellectual excellence;
- ✚ Promoting social concern leading to action;
- ✚ Cultivating uncompromising commitment towards enhancing the quality of life both at the organizational and societal level;
- ✚ Instilling in student's integrity, perseverance and transparency;
- ✚ Facilitating creativity and innovativeness in all endeavors;
- ✚ Enabling leadership to become agents of social change and shape a better future.
- ✚ Encouraging discipline, teamwork and Collaboration;
- ✚ Providing education with a human face;

6.1.2 Does the mission statement define the College's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, College's traditions and value orientations, vision for the future, etc.?





As a Jesuit higher educational institution, St Xavier's pursues a policy in admission, formation and training, in favor of the poor i.e. socially and financially marginalized including SC / ST / OBC. Financial assistance in terms of scholarships, direct financial assistance, book bank facility etc. are generously offered to deserving and talented students, irrespective of caste and creed.

The mission statement of the college is drawn up in consultation with all stakeholders, keeping in mind the distinctive characteristic St. Xavier's College, Kolkata is known for, a center of excellence for higher education, St. Xavier's promotes quality teaching learning and makes itself accessible to all sections and communities of the society.



The college has evolved into a nationally ranked, multifaceted and co-educational institution. As enunciated in its Mission Statement, St. Xavier's has, during the days of its journey welcomed those of all beliefs and traditions, and has respected and valued 'the diversity which their membership brings to the College Community.' Accommodation of such diversity has always been the abiding attribute of any Jesuit enterprise. Founded under the auspices of a particular religious denomination, we, today, find ourselves completely secular in character. We are determined to preserve this identity. We firmly believe that the distinctive Catholic and Jesuit character of the College, both in tradition and spirit is integral to our identity. We believe that St. Xavier's College can remain faithful to its heritage and extend its intent to meet the intellectual and spiritual challenges of the contemporary and future academic world. Working conscientiously and creatively, we shall forge a vision of what St. Xavier's can be as a Catholic and Jesuit College for the twenty-first century.

6.1.3 How is the leadership involved in

-  **ensuring the organization's management system development, implementation and continuous improvement**
-  **interaction with stakeholders**
-  **reinforcing culture of excellence**
-  **identifying needs and championing organizational development (OD)?**

St. Xavier's College is owned and managed by the Jesuits of the Calcutta Province of the Society of Jesus. With the registration of Catholic Mission of West Bengal (also known as Calcutta Province of the Society of Jesus) under the Societies Registration Act 1961, the ownership of St. Xavier's College was vested with this said Society from its registration in 1973, and it was administered by a Governing Body constituted as per statutes of Calcutta University. In May 2005, the Founder Body initiated the registration of a new Society, in the name of St. Xavier's College Kolkata Educational Trust. The administration and management of St. Xavier's College is now brought under this Trust with effect from 1st June 2006, and the day-to-day administration is vested with the Governing Body, as per guidelines of the UGC for Autonomous Colleges with minority character.

The broad policies and overall direction is framed by the management. However, the executive leadership consists of the Principal, the Vice Principals and assisted by a number of committees. The participatory role of the management encourages and sustains the involvement of the college staff, which is necessary for the efficient and effective running of the College.

The Principal is a member of a number of national and international committees and forums, and is invited a number of times to visit universities in US and other countries. This exposure to the leading practices for higher education across the best universities in the world has helped the college to formulate management plans, strategy and implementation roadmaps for providing quality education to the students.



All aspects of the Teaching-Learning and Evaluation process is assessed through regular Departmental meetings, Board of Studies Meetings, Academic Council Meetings and Teacher's Council Meetings. An Academic Audit is annually organized. The Controller of Examination's office coordinates with respective departments with regard to students' performance in the academic sessions.

The IQAC plays a pivotal role in the overall process of quality implementation. The IQAC collects and analyzes formal and informal feedback from various stakeholders through its daily interaction. The results of the feedback links in the website, as automatically analyzed by software, are also reviewed in details. A committee to analyze the student feedback on various aspects of St. Xavier's College – academic and non-academic has been formed on 22nd April, 2015 with the IQAC Coordinator Prof. Partho Mukherji as the Convener and Rev. Dr. J. Felix Raj SJ, the Principal as the Chairperson. The needs identified through the analysis are formally and informally communicated to the Principal and the management for their consideration.

6.1.4 Were any of the senior leadership positions of the College vacant for more than a year? If so, indicate the reasons.

No, there has never been such a situation.

6.1.5 Does the College ensure that all positions in its various statutory bodies are filled and conduct of meetings at the stipulated intervals?

Yes. All the positions in the statutory bodies are entrusted with relevant members. Meeting are conducted at stipulated intervals and minute.

6.1.6 Does the College promote a culture of participative management? If yes, indicate the levels of participative management.

The participatory role of the management encourages and sustains the involvement of the college staff, the management considers it mandatory for the efficient and effective running of the College.

All aspects of the Teaching-Learning and Evaluation process is assessed through regular Departmental meetings, Board of Studies Meetings, Academic Council Meetings and Teacher's Council Meetings. An Academic Audit is annually organized. The Controller of Examination's office coordinates with respective departments with regard to students' performance in the academic sessions.

While formulating the action plans, the institution takes care of all its thrust areas. Meeting the academic demands, the college plans its academic terms, phases out teaching and examination programmes. Similarly, sports and cultural programmes are planned.

Students, parents, local community, industry, governments and non-governmental bodies the college is affiliated or attached to, participate in institutional plans within the stipulated norms and conditions.



The Principal is assisted by an Academic Council consisting of the Vice Principals and other officials. The IQAC is responsible for quality planning and quality monitoring in the institution. The IQAC consists of members from management, faculties, students, alumni and external experts as per norms. At the department level, the Head of the Department regularly organizes meetings with the faculties to assess the progress in teaching learning and any deviation from the session plan, and accordingly, corrective measures, if any, such as extra classes etc. are organized.

Various committees are appointed to look to diverse aspects of administrative functioning. The committees are:

1. Core Committee of the Academic Council
2. Admission committee
3. Finance committee
4. Internal Quality Assurance committee
5. Committee for Review of Autonomy
6. Rules and Regulations committee
7. Disciplinary committee
8. Research committee
9. Library committee
10. Remedial and Tutorial Care committee
11. Curriculum Restructuring committee
12. Committee against Sexual Harassment
13. Anti-Ragging committee
14. Dress Code committee
15. Ethical committee
16. Students Grievance Cell committee
17. International Collaboration and Exchange Programmes committee
18. Outreach Programmes committee
19. ICT Resource Management committee
20. Games and Sports committee
21. Placement Cell and Advisory committee
22. Ethical committee for Animal Research
23. Information Research committee
24. Central Research Laboratory committee
25. St. Xavier's College Observatory committee
26. UGC MHRD committee
27. Programme and Publication Monitoring committee
28. Committee for Ph.D Programme.
29. Canteen committee
30. College Magazine committee
31. Disaster Management committee
32. Equal Opportunity Cell
33. Alumni Association/ committee



6.1.7 Give details of the academic and administrative leadership provided by the University to the College?

The University has two representatives in the Governing body, one representative in each of the Board of Studies, and representative in finance committee and executive committee. The policies are formulated by these committees.

In addition, as and when applicable, guidance is provided by the university to the college on various aspects of teaching learning, quality improvement, and recruitment.






6.1.8 How does the College groom the leadership at various levels?

Members of the faculty are encouraged to attend leadership training workshops to empower and involve them in various aspects of academic administration. Faculties are also provided with administrative responsibilities in various committees and sub committees.

6.1.9 Has the College evolved any strategy for knowledge management? If yes, give details.

- The College encourages the faculties to take part in research and publish articles in national and international journals. The college also publishes a research journal, Aviskar.
- Introduction of the e-campus facility – Professors upload study materials for the students.

6.1.10 How are the following values reflected in various functions of the College?

-  **Contributing to national development**
-  **Fostering global competencies among students**
-  **Inculcating a value system among students**
-  **Promoting use of technology**
-  **Quest for excellence**

One of the key focus areas of the college is to provide quality education that is accessible to all sections of the society, an “all round developmental approach” with emphasis on soft skills and specialized certificate courses, ensures that the students of our college could make significant contribution to the national development.

The IQAC always promotes the use of technology for providing quality education to the students. A number of faculties use PowerPoint and other ICT techniques. The basic infrastructure is also being upgraded continuously to support use of technology in teaching learning. There are four computer labs with upgraded hardware and internet connectivity for the use of teachers and students. Online journals are available in the library.

Quest for excellence is a part of the education philosophy followed at St. Xavier's College, Kolkata, which is also reflected in the mission statement of the college

- To become a center of excellence in Higher Education;
- To excel in all areas of teaching-learning, research and consultancy.



6.1.11 Give details of the UGC autonomous review committee's recommendations and its compliance.

The Committee found the features of teaching learning methods commendable. The components include:-

- (i) Orientation programme for different departments.
- (ii) Identifying students need and expectation
- (iii) Introducing the students to the vision and mission of the College
- (iv) Learning is student centric
- (v) Students are encouraged to think, analyse, be independent, original and creative.
- (vi) Project work, dissertation, micro-teaching, field trips, Village camps, industry visit, video conferencing, tutorials.

The committee recommended that the following courses may be seriously considered for introduction:

- (i) History (Honours.)
- (ii) Hindi (Honours.)
- (iii) M. Sc in Chemistry
- (iv) M. Sc in Mathematics
- (v) Master in Social Work
- (vi) Philosophy(Honours) and M.A in Philosophy
- (vii) Psychology (Honours.) and MA in Psychology

The College is offering a course in History Honours. in its rural campus from 2015.

Committees have been formed to frame syllabi for Master in Social Work, MBA and extension of Chemistry and Mathematics into post graduate programmes.

Regarding examination reforms: The committee recommended that the College conducts supplementary examinations for students of 5th Semester when sixth semester examination are held. The College has introduced supplementary examination for both 5th and 6th semester students so that may avoid loss of academic year.

The committee recommended that the Substantive post of 1 Professor, 2 Associate Professors and 3 Assistant Professors for each Postgraduate Department may be provided.

We have forwarded this proposal to the Higher Education Department of the Government. College also has its own plan of doing it once it becomes a University.

6.2 Strategy Development and Deployment

6.2.1 Does the College have a Perspective Plan for development? If so, give the aspects considered in development of policy and strategy.

- ✚ Teaching and learning
- ✚ Research and development
- ✚ Community engagement
- ✚ Human resource planning and development
- ✚ Industry interaction
- ✚ Internationalization



The Jesuit educational network is the largest in the world today. They have always been pioneers in the forefront of education. The first Jesuit College was established in Goa in 1546. Today there are 53 Colleges and 300 Higher Secondary Schools in India. Jesuits have always had a perspective plan. St. Xavier's College with its 156 years of history has a perspective plan today we can define this plan starting from the year 2006, which includes –

- Plan to get autonomy
- Plan to be become Centre with Potential for Excellence
- College of Excellence (April 2014)
- St. Xavier's University, Kolkata (expected by 2017)
- SXC has been recognized as a Heritage College by the UGC (May 2015)

Our perspective plan is called SXC Vision 2020, which includes academic expansion and infrastructural expansion. We began with expansion in the main campus itself. In 2006 we had around 6000 students. Today we have around 8000 students. We have introduced new courses like Bengali Honours, B. Com (Eve).

- ✚ By 2020, we plan to have around 16,000 students. Our perspective plan has taken us to the rural sector. Raghampur which is 22 Km from Kolkata, in the South 24 Parganas, is the location of our rural campus, the medium of instruction is Bengali.
- ✚ The Raghampur Campus, which is the rural face of St. Xavier has, around 300 hundred students benefiting from our educational service.
- ✚ In April 2015, decision was taken to have a second campus for B. Com (Honours) students at St. Lawrence High School. 225 students took admission. Classes are to commence from July 2015.
- ✚ We also have plans of starting a campus in the EM Bypass where the EMMRC (Educational and Multi Media Research Centre) will be shifted. The EMRC (Educational and Multimedia Research Centre), SXC, Calcutta was established in 1986 for producing under graduate educational television programmes for the Countrywide Classrooms of the Government of India. The Center was rechristened as EMMRC (Educational and Multi Media Research Centre) in 2004 and in addition to producing television programmes, it also produces e-content. The basic objective of all these programmes is to update, upgrade and enrich the syllabi, especially in the rural and semi-urban areas of India. The programmes try to build awareness about the rich and varied culture and tradition of India. This center has won a total of 48 National Awards in different All India Competitions held over the years.
- ✚ Government of West Bengal has granted 17 acres of land to develop a University Campus at Rajarhat. Buildings are already coming up. We plan to start classes in July 2017.

Teaching and learning: - There are three levels of plan: Academic perspective, Human Resource perspective, Infrastructural perspective. Currently the prioritized thrust areas are: -

- Extension of Masters Programmes of Study, which already exist in some Science Departments, the other Arts and Science Departments.



- Introducing Under Graduate Honours Programmes of study in some subjects like History. From 2015-16 academic session History as an Honours subject is being offered in the Raghobpur Campus, South 24 Parganas.
- University status, further collaborations with Foreign Universities and Indian counterparts.
- Promotion and extension of the rural campus at Raghobpur South 24 Parganas.
- Establishment of St. Xavier's Campus at St. Lawrence High School.
- Space taken over from the Jesuit residence in the Park Street campus to start a Centralized Research Facility.
- New structure within Park Street campus – the Jubilee Building – providing for more classrooms.
- The Hostel has been shifted to AJC Bose road, to make room for a centralized library and a B. Ed section.
- With the relocation of the Central Library the previous library space now provides for more cubicles for study and research of both students and faculty members.
- The Auditorium and the mini auditorium has been renovated and upgraded.

Research and Development: -

(A) Central Research Laboratory in terms of Computation and Networking facility

Space taken over from the Jesuit residence in the Park Street campus to establish a Centralized Research Facility.

- The facility that we have at the Central Research Laboratory in terms of Computation and Networking facility is more of computational than networking kind.
- X: HP Proliant ML350 G6 Server (2X Intel Xeon E5645 @ 2.4 GHz CPUs, 32 GB RAM, Intel Server Motherboard, DVD Writer). Serial Nos. - CN72070QRV , CN72070V20
- Software installed (all open source and free): Operating System: Ubuntu Linux 12.04 LTS, later upgraded to 14.01 LTS
- Computational chemistry software's like nwchem, Psi4, QRCA quantum chemistry programme, Quantum Espresso etc.
- Interface to computational software's like gamedit, rasmol, Avogadro etc.
- Data visualization software's like gnuplot, xmgrace etc.
- General scientific software's like MAXIMA Computer Algebra System, Octave etc.
- Programming language compilers and interpreters for c, c++, fortran (both gnu compilers and Intel compiler for non-commercial use), python etc.

Utilization:

For research purpose:

The computational facility was used in developing in-house codes (Adaptive Mutation Simulated Annealing – Fortran code) and running some computational chemistry calculations. It greatly helped in making the computational research “in-house” reducing the requirement for collaboration to access computational facility outside the



College. The facility was useful for completing an ongoing collaborative research project (leading to a publication: “A new adaptive mutation simulated annealing algorithm: application to the study of pure and mixed Pt–Pd clusters”, Authors: Shyamal Kumar Biring, Rahul Sharma and Pinaki Chaudhury, Journal: J Math Chem, Year: 2014, Volume: 52, Pages: 368–397, DOI: 10.1007/s10910-013-0268-y)

For student training:

Few of the students are conducting a project related to the elucidation of possible reaction mechanism for simple organic reactions using the Nudged Elastic Band (NEB) method as implemented in nwchem thereby gaining some experience in using quantum chemistry packages. Ground state potential energy surfaces were generated for some simple AB and AB₂ like molecules and were demonstrated to undergraduate students of the Department of Chemistry to give them a better understanding about potential energy surfaces and reaction paths (which is a part of their Honours Final Semester curriculum). In the present restructured syllabus (effective from July 2013 session), project work has been introduced in the undergraduate 6th semester (effective January 2015 session) in the curriculum of all science departments where the computational facility would be extended to the students interested in computational/theoretical research projects.

(B) For Instruments used in Culture Labs: -

Department of Biotechnology: Laboratory 1

Instrument	Purchase (Departmental/ Grant)	Used for	Used By
Spectrophotometer with Computer and Stabilizer	Departmental (UGC grant, BOOST grant)	Enzyme activity, DNA RNA estimation, protein estimation, metabolite measurement	Students primarily during practical classes, when available used by research scholars
PCR with Stabilizer	Departmental (College grant)	Amplification of specific DNA fragments	Students during practical classes, when available used by research scholars
UV Transilluminator	Departmental (College grant)	To check the DNA, RNA gels	Students during practical classes, when available used by research scholars
White light Transilluminator	Departmental (College grant)	To check protein gels, zymograms	Students during practical classes, when available used by research scholars
Gel rocker	Departmental (College grant)	To stain gels and membrane	Students during practical classes,



		incubation	when available used by research scholars
Hot air Oven	UGC grant, Dr. Sudipa Saha	To dry glass wares after autoclave	Students and research scholars
Cold Centrifuge with Stabilizer	Departmental (College grant)	Plasmid, DNA, RNA, protein isolation, bacterial cell pellet preparation	Students during practical classes.
Cold Centrifuge with Stabilizer	SERB-DST grant, Dr. Aryadeep Roy Choudhury	Plasmid, DNA, RNA, protein isolation, bacterial cell pellet preparation	Used by research scholars, when available used by students during practical class summer training.
PCR with Stabilizer	SERB-DST grant, Dr. Aryadeep Roy Choudhury	Amplification of specific DNA fragments	Used by research scholars, when available used by students during practical class and summer training.
Incubator Shaker, to grow bacterial culture at 37°C	Departmental (College grant)	Practical	Students during practical classes
Incubator Shaker to grow bacterial culture at 37°C	UGC, Dr. Uma Siddhanta	Practical and research	Students and Research Scholars
BOD shaker, to grow bacterial culture at 37°C and 28°C	Departmental (BOOST grant)	Practical and research	Students and Research Scholars
Laminar Hood	Departmental (College grant)	All bacterial inoculation works	Students during practical classes
Laminar Hood	UGC, Dr. Uma Siddhanta	All bacterial inoculation works	Students during practical classes, when available used by research scholars
Refrigerator	Departmental (College grant)	All practical related chemicals and cultures	Students
Refrigerator	UGC, Dr. Uma Siddhanta	Practical and research related chemicals and cultures	Students and research scholars of U.S.
Water Bath	Departmental (College grant)	Practical	Students



Water Bath	Departmental (College grant)	Practical	Students
Balance	Departmental	To weigh practical related chemicals	Students
Power Pack	Departmental	For running protein and DNA gels, zymograms, Western blots	Students during practical classes, when available used by research scholars
Power Pack	Departmental	For running protein and DNA gels, zymograms, Western blots	Students during practical classes, when available used by research scholars
Magnetic Stirrer	Departmental	For stirring solutions	Students during practical classes, when available used by research scholars

Department of Biotechnology: Laboratory 2

Instrument	Purchase (Departmental/ Grant)	Used for	Used By
BOD Incubator (Used to grow bacterial culture in large volumes at 37°C, 30°C, 16°C)	DBT, Dr. Jhimli Dasgupta	To grow bacterial cultures	Research Scholars and students
BOD shaker (Used to grow bacterial cultures <i>E. coli</i> and <i>Agrobacterium</i> at 37°C and 28°C, to germinate rice and <i>Vigna</i> seeds at 30-32°C)	CSIR, Dr. Aryadeep Roy Choudhury	To grow bacterial cultures and raise plant seedlings	Students and Research Scholars
BOD shaker (Used to grow bacterial cultures <i>Agrobacterium</i> at 28°C)	ICAR, Dr. Dipankar Chakraborti	To grow bacterial culture	Used by research scholars, when available used by students during practical class summer training and Sem X project.
BOD shaker (Used to grow <i>Fusarium</i> cultures at 25°C)	DST Dr. Dipankar Chakraborti	To grow fungal culture	Used by research scholars, when available used by students summer training and Sem X project.



BOD shaker(Used to grow Yeast cultures at 30°C)	DST, Dr. Ronita Nag Chaudhuri	To grow Yeast culture	Research Scholars
Laminar Hood	Departmental (College grant)	All bacterial inoculation works and Plant tissue culture practicals	Students during practical classes, when available used by research scholars
Refrigerator	Departmental (College grant)	All practical related chemicals and cultures	M.Sc. students
Refrigerator	Dr. Aryadeep Roy Choudhury	Keeping bacterial plates, media and undergoing dialysis	Students and Research Scholars
Refrigerator	Dr. Aryadeep Roy Choudhury	Keeping chemicals, fine chemicals, enzymes, DNA and RNA	Research Scholars
Refrigerator	Dr. Dipankar Chakraborti	Keeping seeds of plant lines and kits	Research Scholars
Refrigerator	Dr. Ronita Nag Chaudhuri	Keeping chemicals, fine chemicals and cultures	Research Scholars and students
Refrigerator	Dr. Sudipa Saha	All practical related chemicals and cultures	Students
Multi-temperature Water Bath (10-65 °C)	DST, Dr. Aryadeep Roy Choudhury	Enzymatic digestion and ligation	Used by research scholars, when available used by students during practical class summer training.
Water Bath (37-65 °C)	ICAR, Dr. Dipankar Chakraborti	Enzymatic digestion DNA isolation	Used by research scholars, when available used by students during practical class summer training and Sem X project.
Balance	Departmental (College grant)	To weigh practical related chemicals	M.Sc. students
Ph. Meter	Departmental (College grant)	To adjust pH	M.Sc. students
Spinner (Room temperature)	Departmental (College grant)	For practicals	M.Sc. students
ELISA Reader	ICAR, Dr. Dipankar Chakraborti	For protein expression studies	Used by research scholars and Sem X project.



-20°C freezer	SERB-DST grant, Dr. Aryadeep Roy Choudhury	Storage of restriction enzymes and molecular biology kits	Used by research scholars and students involved in project
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Department of Biotechnology: Laboratory 3 (1st Half Plant Tissue Culture Lab)

Instrument	Purchase (Departmental/ Grant)	Used for	Used By
Laminar Hood	ICAR, Dr. Dipankar Chakraborti	Plant tissue culture	Research scholars and students
Laminar Hood	DST, Dr. Dipankar Chakraborti	Plant tissue culture	Research scholars and students
Plant Growth Chamber	ICAR, Dr. Dipankar Chakraborti	For tissue culture of pigeonpea (project) and Chickpea (Practical and project) and <i>Brassica</i> (Practical)	Research scholars and students
Plant Growth Chamber	CSIR, Dr. Ronita Nag Chaudhuri	Arabidopsis tissue culture	Research Scholars
Plant Growth Chamber	Departmental	Back up instrument	Research scholars and students
Growth Rack	ICAR, Dr. Dipankar Chakraborti	For acclimatization of tissue culture developed plants and Seedlings	Research Scholars and Students
Growth Rack	DST, Dr. Dipankar Chakraborti	For acclimatization of tissue culture developed plants and Seedlings	Research Scholars and Students
Growth Rack	CSIR, Dr. Ronita Nag Chaudhuri	For acclimatization of tissue culture developed plants and Seedlings	Research Scholars

Department of Biotechnology: Laboratory 3 (2nd Half Animal Cell Culture Lab)

Instrument	Purchase (Departmental/ Grant)	Used for	Used By
BOD incubator shaker (maintained at 37°C)	Departmental	Animal cell and tissue culture	Students during practical classes, during summer training
BOD incubator shaker with stabilizer	Dr. Aniruddha Banerji	Mammalian cell culture, incubations	Research Scholars; used by



(maintained at 37°C)		related to animal cell culture experiments	students during summer training
Laminar flow hood	Departmental	Exclusively for animal cell and tissue culture	Students and Research Scholars
Binocular microscope	Departmental	Visualization of slides related to Animal Biotechnology practicals, research experiments	Students and Research Scholars
Stereomicroscope	Departmental	Visualization of slides and material related to Animal Biotechnology practicals, research experiments	Students and Research Scholars
Upright microscope	Departmental (BOOST grant)	Just installed	
Stereozoommicroscope	Departmental (BOOST grant)	Just installed	
-20°C Freezer	UGC, Dr. Sudipa Saha	To be installed	

Department of Biotechnology: Corridor

Instrument	Purchase (Departmental/ Grant)	Used for	Used By
Autoclave	Departmental	To sterilize the media and labwares	Students
Autoclave	Departmental	Back up	Students
Autoclave	ICAR, Dr. Dipankar Chakraborti	To sterilize the media and labwares	Used by research scholars and students
Autoclave	DST, Dr. Aryadeep Roy Choudhury	To sterilize the media and labwares	Used by research scholars and students
Autoclave	DBT, Dr. Uma Siddhanta	To sterilize the media and labwares	Used by research scholars



Department of Biotechnology: Research Lab

Instrument	Purchase (Departmental/ Grant)	Used for	Used By
Cold Centrifuge with stabilizer	Dr. Aniruddha Banerji	For centrifugation related to research experiments, collection of animal cells	Research Scholars; used by students during summer training
Digital Balance	Dr. Aniruddha Banerji	To weigh chemicals	Research Scholars; used by students during summer training
Refrigerator	Dr. Aniruddha Banerji	To store research related chemicals, antibodies, culture media	Research Scholars; used by students during summer training
-20°C Freezer	Dr. Aniruddha Banerji	To store research related chemicals, samples, antibodies, culture media	Research Scholars; used by students during summer training
Digital Water Bath	Dr. Aniruddha Banerji	For incubations related to experiments	Research Scholars; used by students during summer training
pH meter	Dr. Aniruddha Banerji	For adjusting pH	Research Scholars; used by students during summer training
Magnetic stirrer	Dr. Aniruddha Banerji	For stirring solutions	Research Scholars; used by students during summer training
Power Pack	Dr. Aniruddha Banerji	For running protein and DNA gels, zymograms	Research Scholars; used by students during summer training
Homogenizer	Dr. Aniruddha Banerji	Homogenization of animal cells related to research experiments and Animal Biotechnology practicals	Research Scholars; used by students during summer training, practicals



Central Research Facility:

General Biological Sciences Lab

Instrument	Purchase (Departmental/ Grant)	Used for	Used By
-20° C Freezer	Dr. Uma Siddhanta	Keeping chemicals, fine chemicals, enzymes, DNA and RNA	Research Scholars
Water bath	Dr. Uma Siddhanta	Enzymatic digestion	Used by research scholars.
Power pack	Dr. Uma Siddhanta	Run gel	Used by research scholars.
Spin win	Dr. Uma Siddhanta	Spinning down of solution	Used by research scholars.
Rotator	Dr. Uma Siddhanta	IP	Used by research scholars.
Rocker	Dr. Uma Siddhanta	For staining and hybridization	Used by research scholars.
pH meter	Dr. Uma Siddhanta	For pH adjustment	Used by research scholars
Pump	Dr. Uma Siddhanta	For filter sterilization	Used by research scholars.
Stirrer	Dr. Uma Siddhanta	For stirring soln.	Used by research scholars.

Central Research Facility: Animal Tissue Culture Lab

Instrument	Purchase (Departmental/ Grant)	Used for	Used By
CO₂ incubator	Dr. Aniruddha Banerji	Mammalian cell culture	Research Scholars
Refrigerator	Dr. Uma Siddhanta	Keeping chemicals, fine chemicals, enzymes, DNA and RNA	Research Scholars
CO₂ incubator	Dr. Uma Siddhanta		Research Scholars
Inverted microscope	Departmental (BOOST grant)	For visualizing animal cells during culture	Research Scholars
Biological Safety Cabinet	Departmental (BOOST grant)	Exclusively for animal cell and tissue culture	Students and Research Scholars

(C) Department of Mass Communication and Videography Camera Equipment



SL NO	EQUIPMENTS	QTY
1	CAMERA SONY DSR PD-177P	3
2	BATTERY-PD 177P	5
3	CHARGER PD 177P	2
4	TRIPOD	3
5	CAMERA CANON 5D MARK III	1
6	CANNON BATTERY	3
7	MEMORY STICK 32 GB+64 GB	3
8	CAMERA CANON 5D MARK II	1
9	CANNON BATTERY	3
10	CAMERA SONY PXW-200	2
11	TRIPOD	3
12	DOLLY	1
13	SONY ELE CON MICROPHONE	2
14	SONY LED HD MONITOR 32"	2
15	SENNHEISER PROFESSIONAL HEAD PHONE	1
16	YAMAHA STUDIO MONITOR SL NO KNO1721,KNO1711	2
17	SONY PMW 200 XDCAM	2

Editing

SL NO	Equipments	QTY
1	IMAC APPLE	12
2	U P S	12
3	HARD DRIVE	4
4	HEAD PHONE(Tech-com)	17

Sound Equipment

SL NO	EQUIPMENTS	QTY
1	MICRO PHONE	6
2	PORTABLE RECORDER DR-07	1
3	M-AUDIO SOUND CARD	1
4	M-AUDIO SOUND BOX	2
5	HEAD PHONE(Roland)	1
6	H P COMPUTER	1
7	MIXCER (Mackie)	1
8	U P S	4
9	MICRO PHONESTAND	2
10	YAMAHA (MIXING CONSOLE)	1
11	STUDIO MICROPHONE (NT 1-A	1
12	M AUDIO ACIVER SPEAKER	6
13	ZOOM HEANDHELD RECORDER	2
14	PERCEPTION 200 MIC	3
15	HEAD PHONE HD 203	5
16	TASCAM PORTABLE DIGITAL DR 40	4
17	Audio Workstation with software	4



Studio Equipment

SL NO	EQUIPMENTS	QTY
1	M C B PANEL	1
2	PUTER LIGHT MIXCER	1
3	HARD SOFT 2000w LIGHT	2
4	MULTY 1000w LIGHT	8
5	LIGHTS (Multi+Baby)	16
6	COOL LIGHT	4
7	LIGHT STAND	6
8	CUTTER STAND WITH SET	4
9	BOUNDER FOR LIGHT	14
10	NET FOR LIGHT	14
11	EXTENSION BOARD	10
12	XLR to XLR CABLE	5
13	XLR to B N C CABLE	4
14	RCA to RCA CABLE	6
15	FIRE WIRE CABLE	6
16	1KW MULTY CODE HG 10	4
17	1000W SPUN CODE PARCAN-64	4
18	Teleprompter	1
19	Monitor 42"	1

Room wise Equipments

SL NO	Equipments	Room	QTY
1	H P COMPUTER	R1	1
2	SHARP PROJECTOR	R1	1
3	SONY SOUND SYSTEM	R1	1
4	H P COMPUTER	R2	1
5	SHARP PROJECTOR	R2	1
6	SONY SOUND SYSTEM	R2	1
7	H P COMPUTER	R3	1
8	SHARP PROJECTOR	R3	1
9	SONY SOUND SYSTEM	R3	1
10	H P COMPUTER	R4	1
11	SHARP PROJECTOR	R4	1
11	SONY SOUND SYSTEM	R4	1

- **Community Engagement:** - St. Xavier's College involves all the stakeholders who come from the various sections of our community in its policy and strategy development. Opinions are sought and received through systematic and continuous feedback pattern.
- **Human resource planning and development:** - Keeping in view the Vision and Mission of the College and given the fact that the ideological basis of Jesuit Education is to 'form men and women for others', the perspective plan for institutional development has two major thrust areas: academic and infrastructural. The plan for



academic development envisages increase in the number of postgraduate courses, and to enhance academic standards by curriculum restructuring, continuous improvement of teaching-learning methods, internal evaluation and examination reforms. Academic plans have to be supported by improvements / modernization of infrastructural facilities. These include increasing the number of class-rooms, equipping classrooms with audiovisual facilities, integration of computer labs, central computing facilities, building of hostels and new campuses, etc. Further there is a lot of emphasis on sports and cultural activities together with social service, NCC etc. Policies to promote the College programmes along the above lines are mainly finalized in the GB and AC. The plan for institutional development is made in consultation with the teachers at the initial level and subsequently with the Heads of Departments, senior faculty members, administrative heads and other stake holders. The eventual perspective is to become a unitary but Government linked University. A plan for establishing St. Xavier's University, Kolkata (SXUK) has been approved by the Governing Body of the College and submitted to MIC Higher Education, Govt. of West Bengal on 18th October, 2012.

Industry interaction: -

Development Activities of the College

<u>Sl. No</u>	<u>Organization Name (Int. / Nat.)</u>	<u>Nature of Link</u>	<u>Expected Outcome</u>
1	FACT Software Int. Pvt. Ltd., Singapore	Joint Certification Course	Accounting Software for Career Oriented Programme (COP) Students.
2	Bose Institute	For MSC Physics with special emphasis on Astrophysics and Space Science	Benefit from the infrastructure provided by the Institute.
3	National Stock Exchange of India	Joint Certification Course	For COP students
4	Council of Supply Chain Management Professional	Knowledge Partner	For COP students
5	Bengal Economic Association (BEA)	Academic. The Principal is the Secretary of BEA	Faculty publish their scholarly papers in the Annual Journal of BEA
6	Sociological Association of West Bengal	Academic.	Enrichment of the Faculty through programmes like Conference and Lectures
7	National Institute of Electronic and Information Technology (NIELIT)	Knowledge Partner	'O' level course
8	IGNOU	ii. IGNOU Study Centre v. IGNOU B.Ed. Study Center	To enable distance learning for those who have been unable to continue study in conventional mode.



9	DST, Government of India	Skill set training in Sc. and Tech in the fields of advance laboratory technique etc.	Students are trained in related fields for value addition and employability.
10	Kolkata Municipal Corporation, Kolkata Police Department and Department of Disaster Management	Resource Persons	Seminars on Disaster Management and Road Safety to create awareness and capacity building.
11	NGOs: SNEGAM, Ankur Kala	Expertise, resource persons, organization, sponsorship etc.	Seminars, workshops, camps, leadership training programmes

Internationalization: -

Sl. No	Organization Name (Int. / Nat.)	Nature of Link	Expected Outcome
1	College of St. Benedict / St. John's University (CSB/SJU), Minnesota, USA (October 2011)	Exchange Programme	Short term participation (1 Month) for ST. XAVIER'S COLLEGE Students. One semester participation for CSB/SJU students.
2	State University of New York (SUNY), Oswego, USA (November 2013)	Exchange Programme	Enrichment of Academic Culture
3	Trinity College, Dublin, Ireland (February 2014)	Exchange Programme	Enrichment of Academic Culture
4	University of Namur, Belgium (October 2011)	Exchange Programme	Enrichment of Academic Culture
5	Santa Clara University, California, USA (July 2012)	Exchange Programme	Enrichment of Academic Culture
6	College of Media Studies and Culture, Torun, Poland (November 2011)	Exchange Programme	Enrichment of Academic Culture
7	St. Joseph's College, Darjeeling	Exchange Programme	Enrichment of Academic Culture

6.2.2 Enunciate the internal organizational structure of the College for decision making processes and their effectiveness.

- ✚ The General in Rome
- ✚ The Founder Body that makes overall policy for all educational institutions in West Bengal
- ✚ The Governing Body



- ✚ The Principal and his team of Vice Principals
- ✚ The Academic Council
- ✚ The Forum of VP's, Deans and HOD's
- ✚ The respective VP's and HOD's for day to day decisions

The decision making process is decentralized and participatory in this institution. The Teaching staffs have a Teacher's Association; the Non-Teaching Staff have their own association. The Students have a Students' Council. There are also several departmental associations and societies. Consultative role is played by the Alumni/ae Association. Informative and consultative (advisory) role is played by the Rector and the Jesuit Community of SXC.

6.2.3 Specify how many planned proposals were initiated/ implemented, during the last four years. Give details.

The strategic action plan and schedule for future development is as follows:

- ✚ Expansion of infrastructure in the present campus.
- ✚ Restructuring of curriculum to offer more flexibility and plans to start interdisciplinary programme.
- ✚ Opening of more UG and PG courses.
- ✚ Expansion of research and consultancy activities.
- ✚ Expansion of outreach programmes and career oriented courses.
- ✚ Strengthening of industry-academia interface.
- ✚ Further collaboration with foreign universities through Student exchange and Professor programmes.
- ✚ New Hostel building for Boys and Girls.
- ✚ Development of the new campus at EM Bypass and Rajarhat, and completion of Guest House at Salt Lake.
- ✚ Expansion of Alumni/ae network within the country and abroad.
- ✚ Opening of B. Com (Eve) course at St. Lawrence Campus.

Plans implemented during the last five years:

- ✚ Opening of Bengali (Honours), BMM (Honours), Microbiology (PG and UG) Courses at SXC Park Street Campus.
- ✚ Opening of Bengali (Honours), B.Com (Honours) and BA Gen course at SXC Raghobpur Campus.
- ✚ Further advancement of Career Oriented Programmes (COP).
- ✚ Provision of a Central Library facility.
- ✚ Restructuring of curriculum to include internship, industrial visit, project preparation and field work.
- ✚ Expansion in the present campus by adding more floor space and opening of the Jubilee building wherein a part has been used for relocating the support staff quarters and the rest for class rooms and office rooms.
- ✚ Opening of the centralized computer lab, AC staff room, MCV studio and a Central Research Facility.
- ✚ Upgradation of laboratories.



- ✚ Upgrading the infrastructure by constructing lifts, ramps, power generators and addition of more class rooms.
 - ✚ Upgrading and restructuring of the curriculum of different streams so as to include seminars, workshops and conferences for both faculty and students.
 - ✚ Construction of AV rooms and Conference room.
 - ✚ Development of an active Placement Cell.
 - ✚ Providing all offices with computers and with internet connections.
 - ✚ Opening of the College Web site where all information regarding the College is available. With the help of the website fully online admission is conducted.
 - ✚ Maintenance of the Observatory along with facility of using Solar Energy.
- For the ICT activities the developments are:
- ✚ Campus networking through optical fiber.
 - ✚ Centralization of computer labs.
 - ✚ Providing ICT facilities to all departments and offices.
 - ✚ Leased line broadband, INFLIBNET, DELENT, E-journals and E-books.
 - ✚ Having EPBX exchange of its own with 400 internal connections, STD, fax, and other facilities.

6.2.4 Does the College have a formally stated quality policy? How is it designed, driven, deployed and reviewed?

The college has a formally stated quality policy.

- Special attention is given to the high achievers as well as the low performers.
- The Management monitors and reviews the plans/projects implemented by holding formal and informal dialogues with the staff, from time to time.
- The Management encourages faculty members to participate in Orientation and Refresher courses, seminars and workshops. Teachers also present papers in National and International Conferences.

Teaching and Learning:

The college is practicing the method of 360-degree feedback. This feedback involves 4 domains - Principal, Peer, Self and Students. Feedback is then analyzed and a report is generated and is used for the proper evaluation of teaching and learning. The college management conducts regular interaction with the students through Student Parliament. This facilitates further promotion of the quality of teaching-learning.

Research and Development:

The spirit of innovation and experiment imbibed by the institution propels research and development. To add to it, the alertness of the faculty to avail financial aid offered by UGC, CSIR and other bodies boost the research activity and seek development.

Community Engagement:

The NSS in St. Xavier's furthers its vision and mission through propagation of Ignatian Culture in academics and other social perspectives. The strategies include more intense awareness campaign on social issues like a green-clean environment, gender sensitization, active participation during natural calamities like floods, tsunamis, earthquakes etc.



Human Resource Management:

St. Xavier's College adheres to the principle of rigorous discipline but with warm human touch. The administration has developed mechanisms to monitor each and every employee closely; at the same time, it ensures that he/she retains a comfort level, so that he/she can function utmost potential of his/her capacity.

Industry Interaction:

The Placement Cell along with various departments of the college develops ties with the industry at local, regional and national level. It provides significant information to the experts regarding new incorporation in the different courses of the college to meet the demands of the industry.

We have quality policy defined in the Jesuit document of the characteristics of Jesuit Education. St. Xavier's College as a part of the Society of Jesus, a Christian Religious order founded by St. Ignatius of Loyola in 1540, has been active in the field of education. The college aims at the integral, personal formation of youth. To accomplish this, special efforts are made: -

- To help the students to become mature, spiritually oriented Men and Women of Character.
- To encourage them continuously to strive after excellence in every field.
- To value and judiciously use their freedom.
- To be clear and firm on principles and courageous in action.
- To be unselfish in the service of their fellow men.
- To become agents of social change in their country.

The College thus aims at making its own contribution towards a transformation of the present day social condition so that principles of social justice, equality of opportunity, genuine free demand respect for religious and moral values, enshrined in the Constitution of India, may prevail and the possibility of living of fully human existence may be available to all.

The quality policy is defined in our Mission, Vision and Value Framework Statement.

The departmental objectives, are strategically evaluated in terms of quality, expansion, equity and excellence at the Governing Body meetings, the Academic Council meetings, Core Committee meetings, Departmental meetings and also at Vice Principals' forum.

Assessments are made annually at the Staff Sub Council meetings.

Strategic evaluation is also conducted by the Provincial at the Governing Body meetings.

6.2.5 How does the College ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder-relationship?

Complaint boxes are put in place for the Redressal of grievances. The complaints are analyzed and action taken if they turn out to be reasonable. The Disciplinary Committee takes up matters pertaining to complaints. Special committees are also



constituted to respond to outstanding issues concerning the dignity of the college. The Principal addresses the Students' grievance issues and forwards them to the respective Vice Principals for resolving them. However, the anonymous complaints are not entertained.

6.2.6 Does the College have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?

Feedback links are incorporated in the college website where students may provide feedback on institutional performance. The feedback reports are automatically generated by software and reviewed by the Feedback Committee in details. Suggestions are noted and communicated to the Principal of the College.

The Academic Audit Committee consisting of senior teachers from the parent University collects feedback from students regarding teaching-learning process and other aspects of college functioning of the College.

6.2.7 In what way the affiliating University helped the College to identify the developmental needs of the College?

The University has its representatives in the College management and also in the Board of Studies of each department. Decisions taken in the College are approved in the Academic Council meetings where University representatives are present.

Identification of the developmental needs as suggested by the Academic Audit Team:

Teaching-Learning

- Restructuring syllabi with proper attention to the possibility of completing syllabi within the short time span (12 to 14 weeks) under semester system.
- Student-Teacher ratio in some of the courses like B. Com, BBA, Mathematics, Statistics, Economics are far more than the UGC norms.
- College involvement needed in helping students get internship for their project work. The department identifies internship as a part of the curriculum for certain programmes.
- Comprehensive lesson plans distributing equal emphasis on all topics.
- Classrooms are mostly equipped with Black Boards / White Boards. The traditional system as well as modern digital equipment's are used.
- The problem of Gas supply in Chemistry laboratory after 3 pm has been identified and addressed.
- Lack of integration of the ancillary subjects with the respective courses.
- For example, Mathematics for Chemistry course may be different from that of Mathematics for Statistics, or Computer Science or Physics. Thus a subject is to be pitched at different levels of study so that the students can relate the subject with their own course.
- Lack of entrepreneurial attitude among the students need to be addressed.



Examination / Evaluation System

- Involvement of considerable time (About 6 weeks) in conducting the examinations.
- System of having single external moderator with the possibility of having errors in the question papers may remain undetected, particularly in papers involving numerical problems, e.g., Accountancy, Costing, Taxation, Mathematics, Statistics etc.
- The problem of large number of arrear students in some courses needs to be addressed.

Infrastructure

- Integration of information system which will help in obtaining the required data from a centralized data capture station.
- More space for teaching-learning and administrative acts.

Alumni

- Along with its existing contribution, it may facilitate developing entrepreneurial attitude and skill of the students through organizing different programmes in collaboration with the College, thus bringing about successful entrepreneurial interaction with the students as well as faculty.

Career Orientation

- The College can consider tie up with corporate entities who would provide real life projects for the interns. The process is expected to be mutually beneficial.
- Industry visits for the Science and Technology students for hand on experience would help them to focus on their respective goals setting.

Non-teaching Human Resources

- Administrative resources are required to be facilitated with the training and orientation programme with the advancement of technology and with the changed management policies.
- The resources associated with the laboratories are required to undergo formal study cum training sessions conducted by a pool of faculties.
- A reward and recognition programme might be planned for these resources to motivate them for greater efficiency.
- A process of counselling and mentoring for these resources might yield further improvement.

6.2.8 Does the affiliating university have a functional College Development Council (CDC) or Board of College and University Development (BCUD)? If yes, in what way College is benefitted?

SXC is an Autonomous College.

6.2.9 How does the College get feedback from non-teaching, teaching, parents and alumni on its functioning and how is it utilized?

Feedback links are incorporated in the college website where the stakeholders (non-teaching, teaching, parents and alumni) may provide feedback on institutional



performance. The feedback reports are automatically generated by a software and reviewed by Feedback Report Committee in details. Recommendations are noted and communicated to the Principal.

The Department conducts meetings with parents to evaluate and receive responses with regard to the academic and other development of the students. This helps the college in reviewing its policies and plans for the future.

- ✚ The faculty members communicate with the Vice Principal (of respective departments) diverse academic and administrative issues.
- ✚ The Non-Teaching staff members are permitted to interact directly with the Principal regarding administrative and other issues.

6.2.10 Does the College encourage autonomy to its academic departments and how does it ensure accountability?

Operational autonomy is provided to the departments to promote academic independence. The Member Secretary of the Academic Council in consultation with the COE, prepares the academic calendar of the College. The departments create their session plans based on the academic calendar. The departments also decide the teaching-learning methods to be used, for example, ICT techniques, or inclusion of projects in the curriculum, in consultation with their respective Board of Studies.

Thus, academic autonomy is encouraged through: -

- Framing of syllabus
- Conducting CIA (Continuous Internal Assessment)
- Bringing out departmental magazines
- Encouraging syllabus revision and improvement
- Encouraging seminars / workshops
- Invited Lectures

Accountability is ensured: -

Departments have to periodically report to the Vice Principals and Deans with regard to completion of syllabus, examination related work, departmental semester results and mentoring / tutoring of departmental students.

6.2.11 Does the College conduct performance auditing of its various departments?

Yes, an external academic audit is conducted on an annual basis. The audit team comprised of: -

- (a) Expert from Calcutta University – Prof. Dhruva Dandapat, Dept. of Commerce and Chairman UG Board of Studies in Commerce, University of Calcutta and Secretary, IAA Research Foundation.
- (b) Expert from Industry – Mr. Sandip Chatterjee, Vice President, Gamut Info
- (c) Systems Ltd., Kolkata.
- (d) Academician – Dr. Sanghamitra Mukherjee, Ex-Principal, Lady Brabourne.
- (e) College, Member, Advisory Committee, Higher Education Department, Government of West Bengal and Guest Faculty, Techno India University.



- (f) Departmental evaluations are conducted on annual basis with regard to teaching-learning process.

6.3 Faculty Empowerment Strategies

6.3.1 What efforts are made by the College to enhance the professional development of teaching and non-teaching staff?

The College organizes International and national seminars, workshops, conferences and Faculty Development Programmes for its staff as for the faculty of other institutions in the state.

The college management sanctions duty leaves to the faculty for attending seminars /conferences to keep them updated on the recent advancements in their respective fields.

Some awareness programmes on Legal Rights, Human Rights, Intellectual Property Rights and on Health related issues and practices have been held.

Planning and executing programmes that address professional development, career development, personal development of faculty members and support staff.

Encouraging faculty members to enroll for or provide resources for training programmes and workshops.

Sponsoring for participation in National and International Conferences, Seminars and Workshops.

The institution also has a requirement for each faculty to submit Continuous Professional Education details under which they are required to take courses or online webinars every year. The faculties are also encouraged to participate in the seminars and conferences effectively. The faculty evaluation model is in the similar form as UGC CAS which also requires the faculties to be engaged in professional development activities, failing which, the API scores are affected. The model is implemented for all faculties.

6.3.2 What is the outcome of the review of the Performance Appraisal Reports? List the major decisions.

- ✚ The review of the performance appraisal facilitates the management to decide on the retention of the temporary faculty and upgrade their pay scales.
- ✚ New methods have also been incorporated for effective teaching learning.
- ✚ Infrastructural aid provided and improved for teaching-learning.
- ✚ The major decisions.
- ✚ Faculty members who rate below 60% in the teacher evaluation report are required to meet Fr. Principal to discuss the outcome of the report.

6.3.3 What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?



Funds are also collected to facilitate any individual member of the staff in his/her emergency.

Health facilities, like services of a qualified Nurse during working hours, Medical check-ups of the staff and aid to the under-privileged employees, are provided generously. Lectures to impart medical and health awareness to the staff are also conducted.

Welfare Schemes available for teaching and non-teaching staff are: -

- ✚ Insurance
- ✚ Loans (without interest)
- ✚ Festival Advance is being given to Non-teaching staff.
- ✚ Advance against salary is available for both – teaching and non-teaching staff.
 - 2010-11 – 38 out of 334 – 11.38%
 - 2011-12 – 74 out of 369 – 20.05%
 - 2012-13 – 82 out of 371 – 22.10%
 - 2013-14 – 93 out of 386 – 24.09%
 - 2014-15 – 74 out of 354 – 20.90%

Help against Natural Disaster to affected NT Staff.

- 2010-11 – Nil
- 2011-12 – Nil
- 2012-13 – Nil
- 2013-14 – Nil
- 2014-15 – Nil

6.3.4 What are the measures taken by the College for attracting and retaining eminent faculty?

- ✚ Excellent Research Oriented academic environment.
- ✚ World-class exposure and faculty enrichment through upgraded activities like National and International Seminars, workshops and conferences on emerging trends and techniques in various fields.
- ✚ Quality of teaching and courses.
- ✚ Eminent Faculty are assured adequate research facilities.
- ✚ Faculty given lighter work load for them to peruse their research.
- ✚ College has concentrated its effort to build up research facilities in the Science departments vis-a-vis the Central Research Facility equipped with state of the art apparatus.
- ✚ Faculties who have completed research projects are acknowledged by way of monetary rewards.
- ✚ Many faculties apply for and obtain University positions. The College provides such faculty with an academic environment that persuades them to stay on.
- ✚ Faculty who have earned eminence over years of service are retained as Guest Faculty after their retirement.



6.3.5 Has the College conducted a gender audit during the last four years? If yes, mention a few salient findings.

No, because the College does not discriminate between male / female students.

6.3.6 Does the College conduct any gender sensitization programmes for its staff?

Following are the Programmes conducted by the College: -

- ✚ 2010, 2011, 2012: - Gender Sensitization workshops for students funded by the International Association for Women in Radio and Television.
- ✚ 2013: - Seminar and panel discussion: "From Mathura to Damini : movement for equality". Speakers Kavita Krishnan, Sunanda Mukhopadhyay, Gautam Mohan Chakraborti. Moderator Ziad Al Basat.
- ✚ 2014: - Event "One Billion Rising" by Eve Ensler in collaboration with Kolkata Sanved.

6.3.7 What is the impact of the University's UGC-Academic Staff College Programmes in enhancing competencies of the College faculty?

- ✚ The programmes offered by the UGC-Academic Staff College keep the faculty members up-to-date with their subject.
- ✚ It helps them to move ahead in the Career Advancement Scheme (CAS).

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of financial resources?

- ✚ We have Finance Committee. Finance Committee prepares budget for every year and the same is being approved by the committee. Accordingly, various expenses are made.
- ✚ At the end of every quarter reconciliation statement of budgeted Income and Expenditure is prepared and submitted to the Principal who monitors and regulates the same personally.
- ✚ We have purchase committee. Before purchasing any major items, it is being approved by the committee.
- ✚ For major repair work we used to take quotations which is being scrutinized by the Minister's Office. After that it is being passed by the Principal.
- ✚ For any expenses up to Rs. 5000/- could be passed by any Vice Principal or Treasurer in respect of their own department. Any expenses beyond Rs. 5000/- voucher has to be passed by Principal. Each voucher is scrutinizing by the Principal's Office by "Pay Track" software system to avoid any double payment.
- ✚ Any cheque beyond Rs. 25,000/- must be signed by two signatories.
- ✚ For regular recurring expenses every department has submit the requisition slip for the approval of the Principal before purchase.



6.4.2 Does the College have a mechanism for internal and external audit? Give details.

Yes. The College has the mechanism for Internal and External Audit.

✚ Internal Auditor is appointed by the Secretary of the Governing Body.

✚ External Auditor is appointed by the DPI, Govt. of west Bengal.

6.4.3 Provide audited income and expenditure statement of academic and administrative activities of the previous four years.

Xerox copy of Audit Reports for the F/Y 2010/11, 2011/12, 2012/13, 2013/14 are being enclosed. See Annexure - 5

6.4.4 Have the accounts been audited regularly? What are the major audit objections and how are they complied with?

The Accounts have been audited regularly by both Internal and External Auditors. There have been no major Audit objections either by Internal Auditor or External Auditor.

6.4.5 Narrate the efforts taken by the College for resource mobilization.

The activity of resource mobilization is being carried out by Principal's Office.

✚ Govt. Grants for various projects are being applied by the Principal's Office.

✚ Request letters for contributing towards College Development work are being circulated among the passed out students by the Principal's Office.

✚ Principal personally approaches to the passed out students and well known Industrialists to contribute towards the objects of the College.

6.4.6 Is there any provision for the College to maintain the 'corpus fund'? If yes, give details.

Yes, there is the provision to maintain Corpus Fund, details are given below: -

Corpus Fund for Hostel Project.

Corpus Fund for Project Lakshya. This is meant for Rajarhat Campus.



6.5 Internal Quality Assurance System

6.5.1 Does the College conduct an academic audit of its departments? If yes, give details.

Academic audit is conducted by the college, by a team of three - Academic Audit has been done by the outside experts (Ex-Principal of a Government College + Prof. of Calcutta University + Representative from Industry).

The departmental academic audit is done by the respective Boards of Studies. The Principal meets the departments at least once a semester for academic review. Sub Councils and Teachers Council review the academic functioning. The Core Committee conducts an academic audit regarding the performance of students in the semester examinations and also the performance trends. The Core Committee also reviews the entire evaluation system. The President of the Founder Body visits the College once a year and meets teaching/non-teaching staff individually or in groups to obtain feedback and compile a report on the overall academic functioning of the College.

Audit improves the quality of the institutional programmes. They are geared up toward their goals, for example the review of results brings out the low, average and high performance. Thereafter each student is taken care of according to her capacity.

Remedial courses are conducted for the weak students and special guidance help is provided to the high performers for the scholars' club.

Academic Audit has been done by the outside experts (Ex-Principal of a Government College and Prof. of Calcutta University and Representative from Industry).

6.5.2 Based on the recommendations of academic audit what specific measures have been taken by the College to improve teaching, learning and evaluation?

The measures to improve the teaching-learning process include:

- ✚ Annual assessment of the syllabi by the Boards of Studies.
- ✚ Restructuring and updating of syllabi every three years.
- ✚ Assignment based teaching-learning process with adequate use of the central library.
- ✚ Career counseling.
- ✚ Classroom seminar and classroom presentation.
- ✚ Use of AV rooms with teaching aids.
- ✚ Training students for research through project work.
- ✚ Internship facilities, industry visit and participation in summer schools to enhance employability in industry and research institution.
- ✚ Greater involvement of students in co-curricular and extra-curricular activities.

The measures to improve evaluation include:

- (a) Review and rationalization of the credit system and grade system.
- (b) Improvement of modes of Continuous Internal Assessment.
- (c) Thorough evaluation reform, upgrading the rules, regulations and conduct of evaluation.



6.5.3 Is there a central body within the College to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome.

Yes, the central assessment body comprises of: -

- ✚ The Principal
- ✚ The Vice Principals of various departments
- ✚ The Deans of various departments
- ✚ The HODs

On a regular basis, the Head of a department keeps track of the teaching-learning process through monthly departmental meetings as well as regular interactions with fellow faculty. Through various modes of Continuous Internal Assessment, the learning outcome of the students also gets reflected. Towards the end of the class schedule within a semester, the CIA performance of the students is assessed by the Vice Principals and Deans. Also, during the course of a semester the weak students are identified and adequately taken care of by the respective departments.

The final year students participate in an online teaching-learning evaluation pattern, reflecting the pros and cons of the entire system.

The Core Committee also reviews the entire teaching-learning system from time to time.

The IQAC and the Academic Council continuously reviews the teaching-learning process to ensure quality education is provided to the students. The IQAC also reviews:

- ✚ Feedback from the Parents and Alumni
- ✚ Review of Results
- ✚ Reviewing of feasibility study report of the department before the introduction of new courses/programmes
- ✚ Faculty is entrusted with the duty to determine the intended educational outcomes of their academic programmes and activities.

6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?

- ✚ The IQAC ensures quality assurance through a process of continuous quality monitoring. The IQAC consists of senior members of the faculty and external members, who review the feedback and data points collected from the previous semester at the end of each semester. Suggestions are noted and communicated to the Principal.
- ✚ IQAC also reviews the academic and infrastructural requirements provided by various departments and committees and plans for the next semester. Any purchase requirement is communicated to the management.
- ✚ Feedback from the Parents and Alumni, Review of Results.
- ✚ Reviewing of feasibility study report of the department before the introduction of new courses/programmes.



- ✚ Providing guidelines for Formative and Summative Evaluation.
- ✚ Faculty is entrusted with the duty to determine the intended educational outcomes of their academic programmes and activities.
- ✚ Assessment and evaluation of student feedback, academic and non-academic, on the various aspects of St. Xavier's College.

6.5.5 Does the IQAC have external members on its committees? If so, mention any significant contribution made by such members.

Yes, the IQAC has external members on its committee. The Significant contributors are: -

- ✚ Dr. Sudipti Banerjee (Calcutta University): - Dr. Sudipti Banerjee is the former IQAC Coordinator Calcutta University, the parent University of St. Xavier's College. Dr. Banerjee, with his expertise and experience contributes to the academic quality enhancement of the institution.
- ✚ Mr. Sanjiv Goenka (Industriest): - Chairperson – RPG Sanjiv Goenka Group, Illustrious Alumnus ensures the Institution – Industry interface.
- ✚ Mr. Snehasis Sur (Alumnus Representative, Eminent Journalist): - Mr. Snehasis Sur, former director Doordarshan, a member of several Boards of Studies contributes to the curricular activities of the different departments of the College. He also maintains liaison between the institution and media.
- ✚ Mr. Bharat Baid (Parent Representative): - Mr. Bharat Baid being a parent representative offers significant inputs regarding the stakeholder's response to the academic and non-academic provisions of the institution.

6.5.6 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

The IQAC has conducted study on the incremental academic growth of students from disadvantaged sections of society. The findings are the academic and demographic profile of the students.

6.5.7 What policies are in place for the periodic review of administrative and academic departments, subject areas, research centers, etc.?

In general, the IQAC conducts yearly reviews of academic and administrative departments. Academic audit is also conducted every year by a team of external experts.

As a part of process for autonomy, the university also conducts a review every 3 years and UGC conducts review every 6 years.

Any additional information regarding Governance, Leadership and Management, which the institution would like to include.



CRITERION VII: INNOVATION AND BEST PRACTICES

7.1 Environmental Consciousness

7.1.1 Does the College conduct a Green Audit of its campus?

Internal Green Audit system to maintain a clean and Green Campus. Various measures are taken up as a follow up of these audits.

- ✚ Use of Solar Energy
- ✚ Rain Water Recycling
- ✚ Environment Friendly Campus by making it a Plastic free and Smoke free zone
- ✚ Regular Planting of Trees
- ✚ Green Clean Neighborhood
- ✚ Use of CFL

The College does not conduct a green audit of its campus. A serious concern for the modern day environmental problems has motivated the institution to adopt strategic practices in order to prevent further damage. The college also actively involves itself in spreading knowledge and awareness among the staff and students to make them environment friendly.

7.1.2 What are the initiatives taken by the College to make the campus eco-friendly?

- ✚ Energy conservation
- ✚ Use of renewable energy
- ✚ Water harvesting
- ✚ Check dam construction
- ✚ Efforts for Carbon neutrality
- ✚ Plantation
- ✚ Hazardous waste management
- ✚ e-waste management
- ✚ any other
- ✚ Energy conservation
 - LED and CFL lights have been installed in some rooms
 - Students and staff members are made aware to conserve energy by switching off gadgets / appliances when not in use. This is further checked by the security employees.
- ✚ Use of renewable energy
 - The college plans to install a solar power plant with 46 KW capacities in the near future.
- ✚ Water harvesting
 - Rain water harvesting is done for conservation and generation of energy.
- ✚ Check dam construction – Nil
- ✚ Efforts for Carbon neutrality – Nil
- ✚ Plantation
 - In Rajarhat, EM Bypass and Park Street campus trees are regularly planted as



part of the Green-Clean drive initiated by the College.

✚ Hazardous waste management

- No such formal mechanism to dispose of hazardous waste in the College. The Chemistry department of the College does not use any carcinogenic chemicals in their laboratory.

✚ E-waste management

- Initiatives are taken with KMC to dispose of E-waste

✚ Any other

- Smoke Free Campus
- Neighborhood clean programme – an initiative of NSS
- Plastic free campus.
- Encouraging the use of cloth/jute bags that are biodegradable
- Waste bins are kept at strategic points in the College in order to check littering.
- Hygienic methods are adopted in the College canteen in the form of gloves and head covers for the canteen staff.

7.2 Innovations

7.2.1 Provide details of innovations introduced during the last four years which have created a positive impact on the functioning of the College.

Boys Hostel of the Park Street Campus has been converted into classrooms which cover an area of Thirty-Five Thousand square feet.

A new campus has been set up in Raghobpur, the rural face of St. Xavier's.

The St. Lawrence campus of St. Xavier's College is coming up in July 2015.

Choice based credit system has been introduced.

Major and Minor Research Projects have been taken up by the faculty members. The Major and Minor Projects running are 44.

The College Conducts Academic and Administrative Audit engaging outside expert group.

The College has initiated: -

- M. Com (Marketing)
- MCA by IGNOU with St. Xavier's as Study Centre
- Human Rights education as a part of study in public affairs
- A certificate course on Foreign Trade and Public Practice and Management
- Computer Center of the College organizes Training of Trainers (TOT) for soft skill development. The programmes are open to all faculties.
- There is no counselling programme of Training of Trainers (TOT) because the College has a dedicated Counselling Centre.
- Industry-institutional interface has been formalized and strengthened some instances are:



- College has research tie up for providing summer training to the students of UG and PG departments with Dey's Medical, Medica Superspeciality Hospital, Fortis Hospital, Fair Labs Gurgaon etc.
- A research project on alcohol fermentation by fungi using *Madhuca indica* by the department Microbio and Chemico Aroce Ltd.
- IAS guidance center has been setup for training candidates for Civil Service examinations.
- Fr. Joris Corner has been setup for student support.

7.3 Best Practices

7.3.1 Give details of any two best practices which have contributed to better academic and administrative functioning of the College.

Format for Presentation of Best Practices

1. Title of the Practice

- The basic thrust in the teaching-learning process is classroom academics where every faculty member makes individual effort to cater to the varying requirements of the class.
- The Continuous Internal Assessment helps teachers to identify the capable and slow learners in order to monitor their academic needs individually.
- The Foundation Course - For the holistic development of a student as a conscientious citizen of the country, St. Xavier's College promises to create 'Men and Women for others'.

2. Objectives of the Practice

What are the objectives / intended outcomes of this “best practice” and what are the underlying principles or concepts of this practice (in about 100 words)?

Teaching-Learning –

The basic thrust in the teaching-learning process is classroom academics where every faculty member makes individual effort to cater to the varying requirements of the class. The Continuous Internal Assessment helps teachers to identify the capable and slow learners in order to monitor their academic needs individually. Remedial classes are also organised for the weak and slow learners. The Students are motivated to think on their own which sharpens their critical acumen and original thinking. It also hones their analytical and interpretive skills. Regular interactions between faculty members and students beyond class hours improve the inter personal relations between teachers and students. The teachers can easily identify the improvement areas in the teaching learning domain in order to incorporate better methods of change.

The Foundation Course –

The Foundation Course introduced recently in the curriculum offers the students a panoramic exposure to newer methods of acquiring knowledge about society and environment, to foster a secular and democratic attitude, through such courses as Religious Studies and Personality Development.



The Context

What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice (in about 150 words)?

- The diversity of student composition comprising advanced and slow learners poses a serious challenge to the level and content of the lectures. The teachers have to make a special effort to address and reach out to all cross sections of the class.
- Newer models of teaching have to be effectively devised in order to offer the students a holistic perspective on such subjects as Religious Studies, which requires an in depth understanding and research of complex issues. Creating secular awareness in multi-cultural society is what the course tries to ambitiously achieve.

The Practice

Describe the practice and its uniqueness in the context of Indian higher education. What were the constraints / limitations, if any, faced (in about 400 words)?

The College aims at forming young men and women of competence, commitment, compassion and of conscience. The students belong to every social class, community and linguistic group.

It thus aims at making its own contribution towards a transformation of the present-day social condition so that principles of social justice, equality of opportunity, genuine freedom and respect for religious and moral values, enshrined in the Constitution of India, may prevail, and the possibility of living a fully human existence may be open before all.

Accommodation of such diversity has always been the abiding attribute of any Jesuit enterprise. Founded under the auspices of a particular religious denomination, the institution is completely secular in character. St. Xavier's College will remain faithful to its heritage and extend its intent to meet the intellectual and spiritual challenges of the contemporary and future academic world. Working conscientiously and creatively, the College shall forge a vision of what St. Xavier's can be as a Catholic and Jesuit College for the twenty-first century.

The college makes every effort to be a bridge between the rural-urban divide, taking the benefits of education to the poor and the marginalized and aim at their empowerment. One of the missions is to ensure access and equity in higher educational opportunity to all deserving and meritorious students particularly those from the marginalized sections, irrespective of religious avocation. The college gives preference to first generation learners. The college believes that every student is an agent of social change and the College as a higher educational institution is an agent of transformation both in the locality as well as the society at large. Every faculty member and student participate in this transformation of the neighbourhood community.

The above are accomplished through:

- Preference for SC/ ST/ OBC/ socially and economically disadvantaged students in admission and financial assistance to such students.
- Presence of students in various committees and societies.
- Equity in access and availability



- Special attention to the weaker section through various committees, units and personal care.
- Cosmopolitan atmosphere to bridge the gap between urban and rural and to ensure that all of humanity belongs to a single moral community.

The mission and vision of the College for holistic education are translated through:

- ✚ Preference for SC/ST/OBC/socially and economically disadvantaged students in admission and financial assistance to such students.
- ✚ Presence of students in various committees and societies.
- ✚ Representation of women in all aspects.
- ✚ Equal access for all.
- ✚ Consistent emphasis on excellence in every practice.
- ✚ Career oriented programmes to add value to student formation.
- ✚ Extension services, through which the students are exposed to the rural realities of India, motivate them towards a holistic approach.
- ✚ Keeping common people as the focal point of education within St. Xavier's College.
- ✚ Establishing urban-rural interface for mutual enrichment.

Evidence of Success

Provide evidence of success such as performance against targets and benchmarks, review results. What do these results indicate? Describe in about 200 words.

The student satisfactions relative to academic benchmarks are determined through structured students' feedback and quantitative analysis of the same to improve and enhance the academic activities in relation to curriculum, infrastructure, facilities and co-curricular activities.

The faculties, HODs, Deans and VPs continuously interact with the students and make sure that these benchmarks are achieved. The BOS and Academic Council act as the watchdogs in these matters. Regular meetings of the Principal and Vice-principals with the Student Council members and class representatives are held to review the level of student satisfaction and to chalk out programmes for the future.

For personal and spiritual development of students, various programmes and camps are organized by the Jesuits and their co-workers through NSS, AICUF, LTS and SC/ST cells.

St. Xavier's involves people from different walks of life as resource persons in the human and spiritual orientation given to students.

St. Xavier's has always had the co-operation from all its stakeholders and it is this attitude of fellowship that has enriched this institution and has made it what it stands for – a way of life.

Problems Encountered and Resources Required

Please identify the problems encountered and resources required to implement the practice (in about 150 words).

The vision and mission of the College (which includes the best practices) is well defined and published through the College website and the College calendar which is



distributed to all the students and staff annually. Implementation of these practices not only takes into consideration the academic aspect but also the kind of holistic education that we seek to impart to our students and make the institution relevant in its mission as an agent of social transformation.

However, practical difficulty with implementation arises when the diverse cross-section of students has to be dealt with. Students studying at St. Xavier's College come from varied backgrounds – culturally backward, academically weak, differently-abled minority students – who need special attention. Student Committees are formed to assess their own needs. Special grants are received from time to time from the UGC / MHRD to cater to the special needs of the minority and backward community students, which help in the implementation of the concrete action programmes throughout the year.

The institution educates its students to become 'Men and Women for others', with values of selflessness, sacrifice, honesty and humility with which they go out into the world conscious of their doing in the service of others.

Notes

Optional. Please add any other information that may be relevant for adopting/ implementing the Best Practice in other institutions (in about 150 words).

Any additional information regarding Innovations and Best Practices, which the College would like to include.

- 360⁰ feedback has been introduced from the current academic year 2015-16.
- To extend the scope of the social and academic impact of Ignatian Charism, the rural campus and infrastructural facilities within the campus to set up more departments. In the process, the academic requirements of a larger cross-section of the rural community gets addressed.



POST ACCREDITATION SUMMARY

1. College urgently needs more space (like class rooms, laboratories, sports facilities and other extension services) for expansion and development of academic activities.

- » One floor has been added to the Boys Hostel of the Park Street Campus and the building houses the Department of Education with its classrooms and laboratories and other requirements as per NCTE regulations 2014, conference rooms and the Central Library. An ICT room has been set up in the same building.
- » A new floor has been added in the Jubilee building for Multimedia Department with hall.
- » In this process more classrooms have been created in the main building.
- » The Central Research Facility has been created with FIST as well as College funds on the fourth floor in the space donated by the Jesuit community.
- » A Smart classroom has been setup up on the fourth floor beside the Central Research Facility.
- » We opened Fr. Arrupe Mini Auditorium with the capacity of 150 seats in the basement of the main auditorium.
- » We have Xavier hall on the first floor for seminars and conferences with a capacity of 200.
- » The erstwhile Central Library has been converted into the Rohinton Kapadia Central Hall which houses classrooms, conferences / seminars, Placement Cell drives, and some offices. It is also used as a hall for conducting examinations.
- » The laboratories have been modernized with FIST, DST and RUSA funds.
- » A new campus as extension service centre has been setup in Raghobpur in South 24 Parganas, the rural face of St. Xavier's.
- » For Raghobpur Campus we renovated the old hostel building and added one more floor.
- » The St. Lawrence campus of St. Xavier's College has started classes from July 2015.
- » The new building for EMMRC at EM Bypass campus is complete, the EMMRC will be shifted to the new venue by December, 2016.
- » St. Xavier's has opened up two new hostels, one for boys (300 seats) and one for girls (200 seats) with fully equipped Gyms and other facilities.
- » As per the vision 2020 we are opening up two new campuses, one in Rajarhat for St. Xavier's University and the other in EM Bypass for communication hub.



2. Being an autonomous college, it should introduce Choice Based Credit System at the UG and PG levels.

Choice Based Credit System (CBCS) is introduced with the ancillary subjects. We are in the process of deliberating on a full-fledged CBCS.

3. Faculty members to be encouraged to obtain Ph.D. degree.

The Faculty members are encouraged to obtain their Ph. D degrees. The members are granted FDP leave. Professors who complete their Ph. Ds are honored and awarded by the College on the Convocation day.

From July 2010 – June 2015, 17 Professors have obtained Ph. D degrees.

The present number of Professors with Ph. D degrees is 77.

39 teachers are pursuing their Ph. Ds.

4. Research Culture to be intensified in Arts, Humanities, Social Sciences and Education.

Research Projects have been taken up by the faculty members of Arts, Humanities, Social Sciences and Education. Since July 2010, 4 projects were initiated.

Faculties have been encouraged and urged to write research papers on a regular basis.

The research culture among students has been stimulated in the curriculum by the introduction of Dissertation/Projects/Action Research/ Case Study papers.

The College promotes the research culture by funding research activities.

5. The college should undertake Academic and Administrative Audit (AAA) periodically by engaging an outside expert group.

The College has introduced annual Academic and Administrative Audit engaging external experts.

Library Audit and Canteen Audit have been introduced.

6. Employment oriented courses like P.G. Diploma in Medical Laboratory Technology, Translation studies, PG programme like M.B.A., M.C.A., Public Affairs, International Trade, English, and Business Economics etc. may be initiated.

The College has initiated: -

- » Human Rights education as a part of study in public affairs.
- » Post Graduate Diploma in Human Resource Management.
- » Post Graduate Diploma in Marketing and Sales Management.
- » Post Graduate Diploma in Mass Communication and Public Relations.
- » The IAS guidance course.
- » Xavier Academy of Dance and Music (XADAM) certificate course.
- » Diploma in Multimedia and Animation.

The College plans to initiate:

- » MBA and MSW courses in the Rajarhat Campus,
- » MA in English and M.Sc. in Economics in the Main campus
- » Vocational courses in Raghobpur campus

7. Training of Trainers (TOT) may be organized for select teachers in each department for Counseling and Soft skills development.



- » The College is in the process of identifying teachers for lay formation for governance, leadership and administration. The College organizes Training of Trainers (TOT) for soft skill development. The programmes are open to all faculties. One Orientation Programme per year for the teachers and one for the support staff are organized for soft skill development.
- » We have initiated the mentoring system for the whole College.
- » The College has a dedicated Counseling Centre.
- » The College sends faculty for AIACHE, Xavier Board, AICUF, JEA and SWBJCPA workshops.

8. Industry-institution interface should be formalized and strengthened.

Industry institutional interface has been formalized and strengthened. Some instances are: -

- Placement Cell Activities – Company visits for campus recruitment :

Year	Number of Companies
2010-11	17
2011-12	28
2012-13	37
2013-14	40
2014-15	34

- COP – The Career Oriented Programmes have linkages with various organizations like National Stock Exchange, Fact International, Rediffusion Dentsu Young and Rubicam Pvt Ltd, All India Technologies, Response India, Ogilvy and Mather, Lintas Media, Mind Share, Lowe Lintus, Patton India, Grey Matter, Adunique Ad Agency, Candid Communication, Eastern Railway, Radiant Advertising and Marketing (I) Pvt. Ltd., TCP Advertising, S.E Railway.
- Internship of students in industries/companies is done in a formal manner. The various companies where students go for internship are :
ITC, Net Scribe, ABP Ltd., Tata Motors, Future First, Kotak Mahindra Bank, HSBC, SBI, Adidas, Mondelez, British Council, R Java Financial Service, Simplex Mills and many more.
- College has research tie up for providing summer training to the students of UG and PG departments with Dey's Medical, Medica Super Speciality Hospital, Fortis Hospital, Fair Labs Gurgaon etc.
- A research project on alcohol fermentation by fungi using Madhuca Indica by the Department of Microbiology, St. Xavier's College and Chemico process Ltd.
- A research project on Plant Tissue Culture under DST, GOI.
- Skill-set training on science and technology organized by EDC (SXC) and Department of Microbiology and RM Laboratory Pvt. Ltd. in the field of advanced laboratory technique.
- College interfaces with industry and takes advantage of CSR scheme.
- The Dept. of Education has initiated 1month of internship and 5 months of Practice Teaching in various schools.



9. Coaching classes may be initiated for competitive examinations like All India Civil Services.

All India Civil Services guidance center has been setup.

10. Morning programme may be made co-educational.

Morning programme could not be made co-educational for various practical reasons. Hence an evening programme has been introduced which is co-educational with preference given to girl students.

11. Student support services like stationery shop may be provided.

Fr. Joris Corner has been setup for student support service in the main campus and Fr. Polgar Corner was setup in the Raghampur Campus.

12. Recruitment of permanent faculty and reduction of dependence on ad-hoc faculty.

The Department of Education has recruited adequate faculty on a permanent basis.



Declaration by the Head of the Institution

I certify that the data included in this Self-study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Signature of the Head of the institution

with seal:

Place:

Date:



Evaluative Report of the Department – Bengali

1. **Name of the Department and its year of establishment:**
Bengali, 1928
2. **Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):**
(a) Compulsory Bengali as Modern Indian Language
(b) Ancillary Bangla
(c) Honours in Bengali Language and Literature.
3. **Interdisciplinary courses and departments involved:**
Nil
4. **Annual/ semester/choice based credit system:**
Semester system
5. **Participation of the department in the courses offered by other departments:**
Nil
6. **Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)**

	2010-11			2011-12			2012-13			2013-14			2014-15			2015-16 [#]		
	Sanctioned		Filled	Sanctioned		Filled	Sanctioned		Filled	Sanctioned		Filled	Sanctioned		Filled	Sanctioned		Filled
		Substantive	Management		Substantive	Management		Substantive	Management		Substantive	Management		Substantive	Management		Substantive	Management
Professors																		
Associate Professors	1	1		1	1		1	1		1	1		1	1		1	1	
Asst. Professors	1	1		1	1		1	1		1	1	1*	1	1	2*	2	2	2
Guest Faculty								1			1							

* Contractual Full-time Post. # Current Academic Session may be not necessary.



7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D.Students guided for the last 4 years
Dr. Madhumita Bhattacharyya Roy	M.A. M. Phill, Ph.D in Bengali	Associate Professor	Discursive Prose Writing of Five Major Post-Tagore Poet	28 Year	N.A
Prof. Rajib Choudhury	M.A.	Assistant Professor	Linguistics and Kavya	16 year	N.A
Prof. Avishek Ghoshal	M.A.	Assistant Professor	Madhyayug Bengali Literature and Bengali Mahakavya	2 year	N.A
Prof. Ruchira Chakraborty	M.A., M. Phil	Guest Lecturer	Madhyayug	1 year	
Prof. Sarbari Nandi	M.A. (Bengali), M.A. (Comp. Lit.)	Guest Lecturer	Drama	Less than 1 year	
Prof. Shruti Goswami	M.A.	Assistant Professor	Modern Bengali Literature and Bengali Cartoon	1 year (since August 2014)	

8. Percentage of classes taken by temporary faculty – programme-wise information.
No Temporary faculty in Bengali Department.

9. Programme-wise Student Teacher Ratio
1:36

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled :
Nil



11. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.**

Name	Funding Agency	Grants Received	Project Period
Dr. Madhumita Bhattacharyya Roy	UGC-MRP	PHW 093/ 2011-12 (ERO) Dated – 08/08/2011 Rs. 91,000/-	Completed in 2015, March

12. **Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received**

Nil

13. **Research facility / centre with**

- state recognition
- national recognition
- international recognition

Nil

14. **Publications:**

(Faculty publication are attached in a separate sheet in Annexure - A)

- * Number of papers published in peer reviewed journals (national /international)
- * Monographs
- * Chapter(s) in Books
- * Editing Books
- * Books with ISBN numbers with details of publishers
- * number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- * Citation Index – range / average
- * SNIP
- * SJR
- * Impact factor – range / average
- * h-index

15. **Details of patents and income generated –**

Nil



16. Areas of consultancy and income generated –

Name	Nature of Programs	Organization	Duration
Dr. Madhumita Bhattacharyya Roy	M.A Class in Distance Course	Netaji Subhash Open University	3 Counseling Session in Feb and Mar 2012
Prof. Rajib Choudhury	M.A. Class	1.Jadavpur University (P.G Evening)	1. July 2011 onwards
		2.Lady Brabourne College (P.G)	2.Aug – Sept, 2014 (7 Lectures) May- June, 2015 (7 Lectures)
		3.Ashutosh College (P.G)	3. July – Aug, 2013 (8 Lectures)
Prof. Shruti Goswami	M.A Class in Distance Course	Kalyani University	March, 2015

17. Faculty recharging strategies :

Teachers have attended different Orientation Programme and Faculty Improvement Programmes organized by College during last five years.

18. Student projects

- Percentage of students who have done in-house projects including inter-departmental:
It is mandatory for all the students of sixth semester to present their in-house project papers. These 100 mark papers are assessed by external examiners.
- Percentage of students doing projects in collaboration with industries / institutes:
Nil

19. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / Post-Doctoral fellows
- Students

Nil

20. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.

Nil



21. Student profile course-wise:

Name of the Course (refer question no. 2)	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
BA(Bengali)	167	8	15	100%	100%

*Honours starts from 2012 (under old curriculum)

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the College	% of students from the state	% of students from other States	% of students from other countries
BA(Bengali)	-	100%	0%	0%

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

Nil

24. Student progression

Student Progression	Percentage Against Enrolled
Ug To Pg	80%
Pg To M. Phil	Nil
Pg To Ph.D	Nil
Ph.D To Post-Doctoral	Nil
Employed 1. Campus Selection 2. Other Than Campus Recruitment	5 %
Entrepreneurs	Nil

25. Diversity of staff

Percentage of faculty who are graduates

Of the same parent university - 75%

From other universities within the State- 25%

From other universities from other States

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

Nil



27. Present details about infrastructural facilities

- a. Library - Central Library of College with lending and reading facility though there is no Departmental Library.
- b. Internet facilities for staff and students – College Internet Facility
- c. Total number of class rooms - 3 Honours class rooms
- d. Class rooms with ICT facility – Computer Lab-1, Computer Lab-2
- e. Students' laboratories – Computer Lab-1, Computer Lab-2
- f. Research laboratories – Nil

28. Number of students of the department getting financial assistance from College.

Some of the students get concession from the college. 6 Students are getting financial assistance from College.

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

We don't give such courses.

After taking feedback from the H.S students of Raghampur St. Paul's School, College authority decided to start a new section of Bangla Department in Raghampur according to the need of students.

30. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it? Nil
- b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same? Nil
- c. Alumni and employers on the programmes and what is the response of the department to the same? Nil

31. List the distinguished alumni of the department (maximum 10)

Nil

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts. -

Nil

33. List the teaching methods adopted by the faculty for different programmes.

- a. Class room lecture method
- b. Showing Cinema and Theatre
- c. Using ICT classroom
- d. Educational Tour on Jorasanko (Ancestral house of Rabindranath Thakur)



34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Through the departmental meeting academic progress is being discussed and evaluated.

35. Highlight the participation of students and faculty in extension activities.

Students have to acquire a mandatory 2 credits through social work. Students are involved in social service through programmes and schemes organized by the NSS department including Green Clean Programmes.

36. Give details of “beyond syllabus scholarly activities” of the department.

(A) Dr. Madhumita Bhattacharyya Roy

1. 2014, 8th November on “Inter Departmental Seminar on Love and Literature” at Ramakrishna Sarada Mission Vivekananda Vidya Bhavan, as one of the Esteemed Speakers.
2. 2011, 27th November on “Dakghar Nataka Rabindranather Gan” as Guest Speaker at Baidyabati Netaji Subhas Academy (A local library).

37. State whether the programme/department is accredited/ graded by other agencies. Give details.

Nil

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strengths:

- The Department has newly introduced an applied lab based course which is unique of its kind. It will help our students to get jobs after completing their Graduation.
- The Department also offers one semester language course for foreign students coming from Minnesota University under an academic exchange programme.

Weaknesses:

- Shortage of text and reference books in the central library.
- We have no departmental library

Opportunities:

- Previously as it was only some minor ancillary courses offered by the teachers of the department; now the introduction of Bangla Major Course certainly opens an opportunity for academic improvement of the teachers.
- Introduction of Bengali Major Course in the academic year 2012-13 open up an opportunity to the student community to study in St. Xavier's College.
- The new major course with challenging fresh contents gives opportunity to the students to get the essence of modern and progressive syllabus in Bangla.



- With an approval of academic council, the students of Bangla Major Course can also write the answer of major courses in bangla language. It definitely helps the student who are coming to study from Bangla medium background.

Challenges:

- Less number of students in Bangla ancillary.
- Our students suffer from the lack of communication in the ancillary classes because the lectures are given in English.
- No facility of overhead projector in the allotted Honours class rooms.

39. Future plans of the department.

In future we plan to start Post-graduation programme in Bengali Department.

Annexure – A

Faculty Publication List

Dr. Madhumita Bhattacharya Roy

A. Journal

1. Published an article 'Rabindrik Atmoshta Sangite: Bishnu De' – in Ebong Parob, Vol-1 No -4 (June-Aug 2010) ISSN – 0976-8335
2. Published an article in Centenary Tribute to Bishnu De in Journal of School of Language, Moulana Azad College (The publication is sponsored by the University Grants Commission) on the topic 'Rabindrik Atmoshta Sangite Nirvik Kobita, Bishnu De' in January 2012.
3. Published a paper 'Rabindranather Dakghare Gaan, Ekti Samiksha' – in Boishakhi 1421, published by Bangladesh High Commission.

Rajib Chowdhury

B. Journal

4. 'Samajer kali athaba ekti kajoler dag' – an article on Ramesh Chandra Sen's novel 'Kajol' – Published in 'Parikatha', May 2010, ISSN 2231-2986
5. 'Dehobodh o ek lekhaker upanibesh: Jyotirindra Nandi' – an article on Jyotirindra Nandi's short stories. Published in 'Subhashree', 2011-12, ISSN – 2320-4141
6. 'Samapika na asamapika: Galpo phuranor katha'- an article on the ending of bangla short stories. Published in 'Parikatha', Dec 2012, ISSN 2231-2986
7. 'Mrityu upatyaka theke pratibader kabita: Nabarun Bhattacharya' an article on Nabarun Bhattacharya's literary works. Published in 'Galpomela', Dec 2014, ISSN 2393-9311
8. 'Akhyankshamatar bikendrikaran: Nabarun Bhattacharya' – an article on narratological stance of Nabarun Bhattacharya. Published 'Parampara' ISSN – 2320-6497

C. Article in Edited Book

9. 'Putulnacher itikatha: niyambhanger akhyan' an article on Manik



Bandyopadhyay's novel 'Putulnacher itikatha' published in 'Manik Anwesha' edited by Swasti Mondal, Akshar Prakashani, Jan 2013; ISBN – 978-93-82041-01-6

D. Edited Book

1. 'Bankimchander' 'Kapalkundala: path o panigrahone' – annotated and edited version of Bankimchandra's novel 'Kapalkundala'. Published by West Bengal State Book Board on Sept 2014, ISBN: 978-81-247-0752-4
2. Nabarun Bhattacharya's 'Agranthito Kobita' – collection of unpublished
3. Poems of Nabarun Bhattacharya. Published by: Bhashabandhan Prakashani.

Avishek Ghoshal

- An edited book : 'Apurba Birangana' by Debendranath Sen with a critical introduction by Avishek Ghoshal. Parampara Prakashan, February 2015, ISBN No. 978-93-80869-63-6.

CHAPTER/ ARTICLE NAME	BOOK/ MAGAZINE NAME	EDITOR	PUBLICA TION	YEAR	ISBN/ ISSN/ DL NO.
Shekhar Debrayer Natok 'Manasakatha' o 'Manasamongole'r Dhara : Porighohoner Nana Stor	Purono Bangla Sahityo Chinta o Chorcha	Jayita Dutta	Ratnabali Prokashan	Feb 2013	978-93- 81329- 28-3
Muktodharar Sanglap : Bohumatrikotar Sandhane	Muktodhara: Ekti Purnango Alochonagrontho	Malay Rakshit	Kalyani Publications	2011	978-81- 92566- 20-7
Aabbreeti Aabbriti othoba Aabritti Sarvashastranang: Kolkatar Aabritticharcha	Charavaka	Sudipta Bandopadhyay		April 2013	2319-36- 97
Ami Ek Nishthur Samye Bneche Achi : Amitava Samajpoti-r Upnyas	Abakash Sahityapatra	Ramkrishna Mondal and Badal Ghosh		Summer 2014	2320- 5385
Aparahne Pata Holo Aaro Beshi Cha-Table Boner Chhayay' (critical appreciation of 'Shuno Na Totwer Katha' by	Parampara	Goutam Das		Jan-Mar 2014	2320- 6497



Prashanta Maji)					
Girish Goutam Gourhjon	Arek Rakam	Ashok Mitra		16March, 2013	241 dt. 07.12.2012 (DL)

Other Publications:

- 'Shilpo Hisebe Aabritti' in The Presidency College Magazine 2007-2008.
- Editor of The Presidency College Magazine 2007-2008.
- 'Ful Bole Anek Katha' in Nandini, Sakalbela(daily), 12 Feb,2011.
- 'Serial-er Meyera, Meyeder Serial' ibid, 2011.

Shruti Goswami

CHAPTER NAME	BOOK NAME	EDITOR	PUBLICATION	YEAR	ISBN NO.
Reality Show	Buddhijibir Noteboi	Sudhir Chakravarti	Pustak Biponi	November 2011	81-85471-96-7
Bhougolik Apodebota: Prosongo Muktodhara	Muktodhara: Ekti Purnango Alochonagrontho	Malay Rakshit	Kalyani Publications	2011	978-81-92566-20-7
Bangla Comics : Moulik Swor-er Anweshan	Abstract-book of The Third International Congress of Bengal Studies	Dr. Sucharita Banerjee and others	University of Calcutta	November 2013	978-93-8041-11-63
An essay on Mandakranta Sen's Novels	Kuri Ekush Shatoker Nari Ouponyasik	Amitrasudan Bhattacharya	Ashadeep Prakashani	January 2014	978-93-81245-36-1
Raja O Rani-r Gaan : Proyojon na Aayojon?	Rabindranather Raja O Rani : Natun Bhabnar Aaloke	Pronab Naskar and Lily Halder	Progga Bikash	May 2014	978-93-81684-61-0
Muktodhara : Prosongo Saangeetikota	Rabindranather Muktodhara	Sanat Kr Nasakar	Diya Publication	December 2014	987-93-82094-68-5

ARTICLE NAME	MAGAZINE NAME	EDITOR	YEAR	ISSN/ DL/ RNI NO.
Rajanikanta,2015	Sahityatakkko	Uday Ratan Mukherjee	March 2015	2320-6160
Meye na Meyechhele?	Aihik	Tamal Ray	Jan-Jun 2015	2319-5460



Gronthojiggnasa : Probondho Sahitye Panchash Bachhor (A Book-Review)	Katha-Sahitya	Sabitendra Nath Ray	May 2014	0971-7137
Samakalin Samaj O Sovoytar Sangbedon : Tilottama Majumdar-er Uponyas	Abakash Sahityapatra	Ramkrishna Mondal and Badal Ghosh	Summer 2014	2320-5385
Antor-jaal (critical appreciation of 'Facebook' by Joy Goswami)	Parampara	Goutam Das	Jan-Mar 2014	2320-6497
Tomar Gaan to Gaaini	Swapnakalpak	Satrajit Basu	Sept-Dec 2012	2319-3093
Boi: Shoishob Koishor: Chena Dukkho Chena Sukh	Swapnakalpak	Satrajit Basu	Jan-Aug 2013	2319-3093
Kemone Nishkriti Sob Jane Kobi	Arek Rakam	Ashok Mitra	January 2013	241 dt. 07.12.2012 (DL)
Koh Maane Comics	Arek Rakam	Ashok Mitra	June 2013	WBBEN/2013 /49896 (RNI)

Other Publications:

- 'Bangla Praay-Galpo: Sukumar Ray' in 'Rangin Akash Rangin Man' ed. by Dr Sucharita Bandyopadhyay, published by University of Calcutta, October 2013.
- 'Balutitil Pankhi Kande Balute Poriya...' in The Presidency College Magazine 2008-2009.
- 'Pankaj Debbarman, Sachin Mallik, Hasi ebong Gaan: Pujor Recordpatro nie Smritir Tukrotakra', Ei Samay (daily), 29 September, 2014.
- 'Bandhan-sutre Panyaon', Nandini, Sakalbela (daily), 21 Aug, 2010.
- 'Politics, Campus, Aste Ladies', *ibid*, 30 Apr, 2011.
- 'Benimadhob, Amar Rong Kaalo', *ibid*, 24 March, 2012.
- 'Aam-e Aam-bangali', *ibid*, 2 June, 2012.
- Editor of The Presi' Days (intra-college news letter), 2007-2010.



Evaluative Report of the Department - English

1. **Name of the Department and its year of establishment. –**
English, since inception
2. **Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) –**
UG
(a) B.A. with Honours in English Literature
(b) Ancillary Courses: English (Ancillary) / English (General)
(c) Compulsory Courses: Compulsory English / Alternative English
3. **Interdisciplinary courses and departments involved –**
Nil
4. **Annual/ semester/choice based credit system –**
Semester system
5. **Participation of the department in the courses offered by other departments**
Students in the Honours/Major programme take ancillary courses offered by other departments
6. **Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst.Professors)**

UGC	Sanctioned	Filled
Professor	Nil	Nil
Associate Professor	5	3
Assistant Professor	1	1
College posts	Sanctioned	Filled
Assistant Professor	2	2
Guest	2	2

7. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. Students guided
Christina Maria Mirza	M.A., M. Phil	Assistant Professor	Victorian Women's	11	–



(HOD)			Poetry , Modern Poetry		
Bertram Da 'Silva	M.A.	Associate Professor	Modern Poetry, American Fiction Post 1960	24	—
Partho Mukherji	M.A.,	Associate Professor	Shakespearean Drama, Modern Fiction, Philology	22	—
Chandrani Biswas	M.A., M. Phil, Ph.D	Associate Professor	African American Women Writers	21	—
Argha Banerjee	M.A., M. Phil, Ph.D	Assistant Professor	Romantic and Modern Literature	16	—
Suchandana Bhattacharyya	M.A., M. Phil, Ph.D	Assistant Professor	African- American Literature	11	—
Rev. Sacaria Joseph S.J.	M.A., M. Phil, Ph.D	Guest	American Literature and Film	6	—
Uddalak Dutta	M.A.	Guest	Indian Theatre	2	—

8. Percentage of classes taken by temporary faculty – programme-wise information

English (Honours): 5.5%

Ancillary Courses: English (Ancillary): 50% English (General): 14.28%

Compulsory Courses: Compulsory English: 33.33%

Alternative English: 0

9. Programme-wise Student Teacher Ratio

1:26

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled –

Nil



11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

Dr. Argha Banerjee:

2014: UGC Minor Research Project: 'Tracking Tigers, Writing Wildlife'

Grant sanctioned: 2.3 lakhs (2 year project: 2014-16)

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received - Nil

13. Research facility / centre with

- State recognition
- National recognition
- International recognition

Nil

14. Publications:

* Number of papers published in peer reviewed journals (national / international)

(a) Chandrani Biswas – Essays on English Literature – The Songs of the Mothers, The Center Cannot Hold, Vol 2, Book Lore, 2010.

(b) Chandrani Biswas – Strugglers and Gwendolen (1989), New Literatures in English, the Book World, Kolkata 2010.

New Literature in English	Monday, July 05, 2010	With ISBN/ISSN	Book
Book chapter: The Centre cannot hold: A study of Chinua Achebe's Things fall apart	Monday, July 05, 2010	With ISBN/ISSN	Book chapter
"Strugglers and Survivors- saga of the New Women in Buchi Emecheta's second class citizen (1974) and Gwendolen", An Anthology entitled "New Literature in English: Fresh Perspectives.Ed, Dr. Ketaki Dutta, The Book World Kolkata, 2011	Thursday, July 07, 2011	978-81-90-9991-6-8	Book Chapter
Inter-college magazine/Journal: Swami Vivekananda - A Beacon of Light	Tuesday, January 01, 2013	Without ISBN/ISSN	Inter-college magazine/Journal
Inter-college magazine/Journal: Christmas and its many Meanings	Tuesday, October 01, 2013	Without ISBN/ISSN	Inter-college magazine/Journal



Book chapter: Fantasy in A Midsummer Night's Dream in an Anthology entitled A Midsummer Night's Dream: Essays in Critical Appropriations introduction by Tapati Gupta, edited by Samrita Sengupta Sinha, Setu Prakshani, Delhi	Monday, July 01, 2013	With ISBN/ISSN 978-93-80677-50-7	Book chapter
Inter-college magazine/Journal: Value Based Living	Monday, January 05, 2015	Without ISBN/ISSN	Inter-college magazine/Journal
Referred: A Lonely Sojourn; Remoulding the Self in Buchi Emecheta's Destination Biafra (1982) in Netaji Nagar College Journal	Volume III January 2015	With ISBN/ISSN 2320-4109	Referred

Argha Banerjee	Nat	Teachers and Tradition:Teaching English Litreture in Kolkata in Bangabasi Academic Journals(ISSN 2249-0655)
Argha Banerjee	Nat	Monk' House in the Statesman
Argha Banerjee	Nat	The Lure of Dhikala in The Sunday Statesman
Suchananda Bhattacharya	Nat	of Love and war: Exploring the Resolution in Hemingway's to arms

- * Monographs:Nil
- * Chapter(s) in Books
- * Editing Books
- * Books with ISBN numbers with details of publishers

1	Author:	Prof. Partho Mukherji
	Department:	English
	Title of Book:	Modern Short Stories
	Publisher:	The Book World
	Year of Publication:	2011
	ISBN No:	978-81-921021-4-6
2	Author:	Dr. Argha Banerjee
	Department:	English
	Title of Book:	Poetry of the First World War: A Critical Evaluation
	Publisher:	Atlantic Publishers New Delhi
	Year of Publication:	2011
	ISBN No:	978-93-80663-28-9



3	Author:	Argha Banerjee
	Department:	English
	Title of Book:	Women's Poetry and the First World War (1914-1918)
	Publisher:	Atlantic Publishers and Distributors (P) Ltd
	Year of Publication:	2014
	ISBN No:	978-81-269-1856-0
4	Author:	Prof. Partho Mukherji
	Department:	English
	Title of Book:	A Study of Selected poetry – Elizabethan to Romantic
	Publisher:	The Book World
	Year of Publication:	2011
	ISBN No:	978-93-81231-00-5

- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) – Nil
- * Citation Index – range / average - Nil
- * SNIP - Nil
- * SJR - Nil
- * Impact factor – range / average - Nil
- * h-index - Nil

15. Details of patents and income generated –

Nil

16. Areas of consultancy and income generated –

Nil

17. Faculty recharging strategies

Study Leave, Preparation Day, Refresher Courses, Faculty Improvement Programme

18. Student projects-

- Percentage of students who have done in-house projects including inter-departmental
- Percentage of students doing projects in collaboration with industries / institutes

Nil

19. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / Post-Doctoral fellows



- Students

Awards/recognitions received at the national and international level by faculty:

Dr. Argha Banerjee: Charles Wallace – Post-doctoral research grant (2012)

20. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.

Department Seminars:

- “Black: A Symbol of Resistance” ,organized by the English Department, St. Xavier's College and American Study Circle, 27th March, 2012 – self-financed.
- ‘Colonial Transactions and the Marriage Market in the Nineteenth Century Novel’, a lecture by Prof. Madhuchchanda Moitra, College of St. Benedict and St. John's University, Minnesota, in April, 2013 – self-financed.
- ‘Inheriting the Global Commons: Literary Study and the Climate Change Crisis’, a lecture by Dr. Malcolm Sen, Irish Council Fellow, Harvard University on 18th March, 2015 – self-financed.

Student Seminars:

- Student Seminar, 13th March 2013
- ‘Poetry and the Other Arts’, a seminar for first year students on 18th September 2014
- ‘The Importance of Being Earnest and the Comedy of Manners Tradition’, a two day seminar for second year students held on 28th February and 2nd March, 2015.

Workshop:

Inter-college theatre workshop (Tennessee Williams’ The Glass Menagerie and A Streetcar Named Desire) in collaboration with JUSAS (Jadavpur University Society for American Studies) , August 2012 – self-financed.

21. Student profile course-wise:

Name of the Course (refer question no. 2)	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
BA (English - Honours)	3056	10	52	100	94

22. Diversity of Students

Academic Year	Name of the Course	% of students from the College	% of students from the State	% of students from other States	% of students from other countries
2014-2015	English (Honours)	-	82	18	Nil



23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

While many of the students of the English Department have cleared the Civil Services, NET, SLET and other competitive examinations, no records are available with the Department. Arts and Science Office has introduced a data capture system from 2014.

24. Student progression

Student Progression	Percentage Against Enrolled
Ug To Pg	50 %
Pg To M. Phil	20 %
Pg To Ph.D	10 %
Ph.D To Post-Doctoral	Nil
Employed	
1. Campus Selection	5 %
2. Other Than Campus Recruitment	
Entrepreneurs	Nil

25. Diversity of staff

Percentage of faculty who are graduates:	
• Of the same parent university	87.5%
• From other universities within the state	12.5%
• From other universities from other states	Nil

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. –

Nil

27. Present details about infrastructural facilities

- Library - Central Library of College with lending and reading facility though there is no Departmental Library.
- Internet facilities for staff and students – College Internet Facility
- Total number of class rooms - 3 Honours class rooms
- Class rooms with ICT facility – 3
- Students' laboratories – Nil
- Research laboratories – Nil



28. Number of students of the department getting financial assistance from College.

Academic Year	No. of students getting concessions
2010-2011	Nil
2011-2012	12
2012-2013	15
2013-2014	8
2014-2015	13

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

Yes. Student questionnaires.

30. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Meetings are held at the Department and Board of Studies level to deliberate on syllabus improvement and revision.

- b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Feedback is organized at the administrative level and individual members of the department are given copies of the feedback which initiates soul searching as the department continues to strive after academic excellence.

- c. Alumni and employers on the programmes and what is the response of the department to the same?

Initiated in December 2015.

31. List the distinguished alumni of the department (maximum 10)

Distinguished alumni:

Prof. Rohinton Kapadia, Sumit Dasgupta, Victor Banerjee, Utpal Dutt, Anil Chatterjee, Bickram Ghosh, Puja Kapur, Ashwika Kapur.

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Student enrichment programmes:

- Special lectures on American literature by Dr. Indrani Haldar, Professor (Retd.), Jadavpur University
- “Black: A Symbol of Resistance” ,organized by the English Department, St. Xavier’s College and American Study Circle, 27th March, 2012.
- Inter-college theatre workshop (Tennessee Williams’ *The Glass Menagerie* and *A Streetcar Named Desire*) in collaboration with JUSAS (Jadavpur University Society for American Studies), August 2012.



- (iv) 'Colonial Transactions and the Marriage Market in the Nineteenth Century Novel', a lecture by Prof. Madhuchchanda Moitra, College of St. Benedict and St. John's University, Minnesota, in April, 2013.
- (v) 'Inheriting the Global Commons: Literary Study and the Climate Change Crisis', a lecture by Dr. Malcolm Sen, Irish Council Fellow, Harvard University on 18th March, 2015.

33. List the teaching methods adopted by the faculty for different programmes.

Conventional lectures, audio-visual presentations, group discussions, quizzes, interactive sessions, micro-teaching, film screenings, performance-based teaching for drama texts, class seminars, class debates.

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Class tests and continuous internal assessment, meeting students.

35. Highlight the participation of students and faculty in extension activities.

Students have to acquire a mandatory 2 credits through social work. Students are involved in social service through programmes and schemes organized by the NSS department including Green Clean Programmes.

36. Give details of "beyond syllabus scholarly activities" of the department.

Research, presenting and writing papers. Students also research and present papers at department seminars. One activity is reading and writing reviews of critical essays. Many of these activities are inter-disciplinary in nature.

37. State whether the programme/ department is accredited/ graded by other agencies. Give details. –

Nil

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths:

- a. Commitment of the faculty (continuous research, study and preparation for teaching).
- b. Harmony of the department and absence of any kind of politics.
- c. All decisions in the department are taken by consensus.
- d. Members of the department take an active part in the extra-curricular life of the college.
- e. Completion of syllabus in detail.
- f. Personal attention for weak students and advanced learners beyond routine contact hours.
- g. Student counselling.

**Weaknesses:**

- a. Given tight academic schedules there is not enough time to devote to research and publication.
- b. There is room for improving our participation in seminars and presenting papers.
- c. Aside from taking classes all members of the department apart from the guest faculty are involved in administrative work at one level or another. This obvious strength has a downside because it curtails time available for research activities.
- d. The student teacher ratio could improve.
- e. Since we are an autonomous college we have nothing to compete against. Earlier we could set the bar against other colleges under the university.

Opportunities:

- a. The creation and design of a new and updated syllabus for English (Honours), English (Ancillary), English (General), Alternative English and Compulsory English under the new curriculum.
- b. Creating new courses and modes of evaluation under the new curriculum.
- c. Opening a second section of the English (Honours) programme.

Challenges:

- a. The creation and design of a new, updated and contemporized syllabus for English (Honours), English (Ancillary), English (General), Alternative English and Compulsory English under the new curriculum while maintaining core areas of literary study.
- b. Building teaching and library resources for the updated syllabus.
- c. Rethinking evaluation/examination systems.
- d. Adapting to the rigorous constraints of the new curriculum.
- e. The consideration of a second section of the English (Honours) programme is both an opportunity and a challenge that will potentially culminate in the opening of a post-graduate department.

39. Future plans of the department.

Post-Graduate Department from July 2017.



Evaluative Report of the Department – Political Science

- Name of the Department and its year of establishment :**
Political Science, 1960
- Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :**
Under-graduate
- Interdisciplinary courses and departments involved :**
Human Rights
- Annual/ semester/choice based credit system :**
Semester System
- Participation of the department in the courses offered by other departments :**
Nil
- Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)**

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	2	2
Asst. Professors	3	3

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,) :**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D.Students guided for the last 4 years
Indranil Bose	PHD	Associate Professor	Political theory, western political thought, international relations theory	22	Nil



Panchali Sen	PHD	Associate Professor	Indian politics, public administration, political sociology.	21	Nil
Prothoma Rai Chaudhuri	PHD	Assistant Professor	Indian government, political theory, political philosophy.	9	Nil
Farhat Bano	PHD	Assistant Professor	Gender studies, Indian political thought, political sociology, public administration	7	Nil
Jhumpa Mukherjee	PHD	Assistant Professor	Indian politics, human rights, political theory, south Asian politics	6	Nil
Sujata Sircar	MA	Part-Time Professor	Indian politics, western political thought	-	Nil

8. **Percentage of classes taken by temporary faculty – programme-wise information:**
Nil
9. **Programme-wise Student Teacher Ratio :**
1:30
10. **Number of academic support staff (technical) and administrative staff: sanctioned and filled?**
Nil



11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise. :

Dr. Panchali Sen	Projects: National Mission for Education through ICT.	Monday, February 09, 2015	UGC, MHRD,GOI.	Ongoing
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12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received :
Nil

13. Research facility / centre with

- o State recognition
- o National recognition
- o International recognition

Nil

14. Publications:

* Number of papers published in peer reviewed journals (national / international) –

Indranil Bose		Int	Industry, Labour and the State: Emerging Relations in the Indian State of West Bengal (October 2011), Journal of South Asian Development, Vol. 6, No.2, sage Publications (ISSN 09731741)
Jhumpa Mukherjee	Nat		2010. Revisiting the National Youth Policy (with Shoma C. Lahiri) Economic and Political Weekly, Vol 45, No. 26 and 27, June 26-July 9, pp 32- 34.ISSN 2349-8846

* Monographs - Nil

* Chapter(s) in Books

Book article: Dr. Jhumpa Mukherjee

Identity, Autonomy and Development through Decentralization: Journey from Darjeeling Gorkha Hill Council to Gorkhaland Territorial Administration in Anil Kumar Jana ed. Decentralizing Rural Governance and Development, Rawat Publications, Jaipur, 2014, ISBN 978-81-316-0681-0.

* Editing Books - Nil

* Books with ISBN numbers with details of publishers

Books:

(a) The World of Human Rights, Concept Publications, New Delhi, 2014, ISBN 978-93-5125-098-2.

(b) Conflict Resolution in Multicultural Societies: The Indian Experience, Sage Publications, New Delhi, 2014, ISBN 978-93-515-0033-9.

* number listed in International Database (For e.g. Web of Science, Scopus,



Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) - Nil

- * Citation Index – range / average - Nil
- * SNIP - Nil
- * SJR - Nil
- * Impact factor – range / average - Nil
- * h-index - Nil

15. Details of patents and income generated :

Nil

16. Areas of consultancy and income generated :

Nil

17. Faculty recharging strategies –

Study Leave, Preparation Day, Refresher Courses, Faculty Improvement Programme

18. Student projects :

- o Percentage of students who have done in-house projects including inter-departmental
- o Percentage of students doing projects in collaboration with industries / institutes

Nil

19. Awards / recognitions received at the national and international level by-

- o Faculty
- o Doctoral / post-doctoral fellows
- o Students

Nil

20. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.

In September 2011, the Department organized a workshop 'Let's Talk Bengal' which consisted of debates, seminar presentations, video shows, and panel discussion on politics in contemporary Bengal.

In October 2012, the Department in collaboration with Lady Brabourne College, Calcutta, organized a UGC-sponsored two-day National Seminar on The Political Philosophy of Vivekananda.

These are the special lectures and events arranged by the Dean of International Studies and Programmes, Dr Panchali Sen for the Department.



- One day basic training programme on Human Rights on November 1, 2014, organized by the Convener of the Human Rights courses, St Xavier's College in collaboration with the National Human Rights Commission.
- Professor Richard Rossow, visiting American scholar delivered a talk on Indo-US relations on December 19, 2014.
- Professor Sarbajit Mukherjee, Sheruvtse College, Royal University of Bhutan, delivered a lecture on Indo-Bhutan relations on February 3, 2015.

21. Student profile course-wise:

Name of the Course (refer question no. 2)	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
BA (Political Science)	807	16	48	80	80

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the College	% of students from the state	% of students from other States	% of students from other countries
BA (Political Science)	NA	50	50	2 (Mostly South Asian Countries)

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? :

Between 2010 and 2015, 10% of the students have cleared.

24. Student progression

Student progression	Percentage against enrolled
UG to PG	50
PG to M. Phil	20
PG to Ph.D.	10
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection	10
• Other than campus recruitment	Nil
Entrepreneurs	Nil

25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	4 out of 6
from other universities within the State	2 out of 6
from other universities from other States	None



26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. :

All full-timers have been awarded Ph.Ds.

27. Present details about infrastructural facilities

- a. Library: **Central Library**
- b. Internet facilities for staff and students : **Students have access through a cyber-room in college.**
- c. Total number of class rooms : **3**
- d. Class rooms with ICT facility : **All Classrooms**
- e. Students' laboratories : **Nil**
- f. Research laboratories : **Nil**

28. Number of students of the department getting financial assistance from College.

26 Students

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology. :

Nil

30. Does the department obtain feedback from :

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
Meetings are held at the Department and Board of Studies level to deliberate on syllabus improvement and revision.
- b. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?
Feedback is organized at the administrative level and individual members of the department are given copies of the feedback which initiates soul searching as the department continues to strive after academic excellence.
- c. alumni and employers on the programmes and what is the response of the department to the same?
Initiated in December 2015.

31. List the distinguished alumni of the department (maximum 10) :

Nil

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Usually special lectures and seminars are organised at the end of each semester wherein young scholars and also distinguished experts of the discipline deliver talks to stimulate present students into thinking beyond the syllabus.



33. List the teaching methods adopted by the faculty for different programmes.

Teaching methods are mostly the traditional lecture method supplemented by power point presentations, interactive sessions with students, debates on contemporary topics and class seminars.

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

The administration monitors outcomes of the teaching learning process through its evaluation systems. The teachers self-evaluate and obtain feedback from the students on an individual basis in order to modify future performance.

35. Highlight the participation of students and faculty in extension activities.

Students are encouraged to enroll themselves with the NSS for which they get social credits.

36. Give details of “beyond syllabus scholarly activities” of the department.

Dr Panchali Sen is since July 2015 a Guest Faculty in the Department of Political Science at the University of Calcutta.

Dr Jhumpa Mukherjee has authored two books published by Sage Publications in October 2014.

All the full-time teachers of the Department have been awarded their Ph. D Degrees.

37. State whether the programme/ department is accredited/ graded by other agencies. Give details. –

Nil

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths of the Department: —

1. Balanced, pragmatic and updated syllabus, content adequate to the required standards of each course;
2. Professionalism and commitment of the teachers as evident from their punctuality, infrequent dropping of classes, and compliance with the administrative requirements of the teaching-learning process;
3. General satisfaction of the students with most aspects of the teaching-learning process;
4. A satisfactory evaluation system corroborated by consistent parity with the marking patterns of the external examiners;
5. Intellectual stimulus given to students to pursue higher studies and research after graduation, as also a sizeable section of the class enrolling in reputed institutions within India and abroad for post-graduation degrees.



Weaknesses of the Department:—

1. Very high percentage of failure in the first few semester results;
2. Approximately fifty percent of the class lacking any disciplinary orientation whatsoever and thus having significantly low motivation and participation in the teaching-learning process;
3. Unsuitability of the discipline to professional career prospects for many students;
4. Unsuitability of the discipline to being practised in vernaculars;
5. Relatively low research output of the teachers due to a number of reasons.

Opportunities for the Department:—

1. To expand its research activities in the coming years;
2. To address problems of students better through the newly-implemented mentoring system;
3. To enhance the teaching-learning process as the new curriculum stabilizes.

Challenges for the Department:—

1. The creation and design of a new, updated and contemporized syllabus for Political Science (Honours), Political Science (Ancillary) and Political Science (General).
2. Building teaching and library resources for the updated syllabus.
3. Rethinking evaluation/examination systems.
4. Adapting to the rigorous constraints of the new curriculum.

39. Future plans of the department. :

The Department wishes to expand its academic activities by upgrading itself to include a post-graduation department in the coming years in order to fulfill the status of the College as a Centre of Excellence.



Evaluative Report of the Department - Sociology

1. **Name of the Department and its year of establishment –**
Department of Sociology, 2001
2. **Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):**
B.A (Honours) in Sociology
3. **Interdisciplinary courses and departments involved**
The Department is involved in interdisciplinary courses like the Foundation Course on Inter Religious Harmony, and Personality Development offered in the first two semesters to the students of the 1st year.
4. **Annual/ semester/choice based credit system :**
Semester based credit system
5. **Participation of the department in the courses offered by other departments**
The Department offers Sociology to students of other departments like Political Science, English and Bengali which gives them an interdisciplinary orientation. Similarly students of the Department opt for optional courses in the above mentioned departments.
6. **Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)**

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	3	3

7. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Ms. Moitrayee Sanyal	M.A	Assistant Professor	Gender and Crime	14 years	Nil



Ms. Sarbani Bandyopadhyay (on leave)	M.A, M. Phil	Assistant Professor	Caste studies, political sociology, Inequality studies, Anthropology of violence, Holocaust studies, Palestine Studies	10 years (in substantive position, 2 years as part time faculty)	Nil
Dr. Shoma C Lahiri	M.A, M. Phil, Ph d	Assistant Professor	Social Movements, Sociology of Science, Sociology of Environment	12 years (8years in this college and 3 years in University of Pune and 1 year in a college under Delhi University)	Nil
Mr. Zaid Al Baset	M.A, M. Phil	Assistant Professor	Sociology of Religion, Gender and Sexuality		Nil
Dr. Runa Das Chaudhuri (on leave vacancy)	M.A, Phd	Assistant Professor	Literature, Urban Sociology	2 years	Nil
Ms. Sweta Chakraborty	M.A, M. Phil	Assistant Professor	Methodology, Muslim Communities, Identity	1 year	Nil

8. Percentage of classes taken by temporary faculty – programme-wise information

No Temporary faculty in the Department

9. Programme-wise Student Teacher Ratio:

1: 30



10. Number of academic support staff (technical) and administrative staff: sanctioned and filled.

Nil

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

Nil

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received.

Nil

13. Research facility / center with

- State recognition
- National recognition
- International recognition

Nil

14. Publications:

* Number of papers published in peer reviewed journals (national / international)

Moitrayee Sanyal:

1. Understanding Female Criminality: A theoretical exploration of Agency in Women's Crime' in Journal of the Department of Sociology, University of Calcutta. 2012-2014.pp. 114-122 ISSN No. 2395-2032.
2. 2015. From Victimhood to Agency: An Alternative Theoretical Construction of Women in Crime in Ramesh Makwana (ed) Contemporary Crime in Indian Society, New Delhi : Gyan Publishing House pp- 249-280 ISBN 978-81-212-1243.

Runa Das Chaudhuri

1. Das Chaudhuri, Runa. 'Introspecting Althusser's Structuralism: Some Reflections', South Asian Anthropologist, 11(1), 2011, pp.77-82, ISSN: 0257-7348.
2. Das Chaudhuri, Runa. "Reading The German Ideology 'Here' and 'Now'" in Raqs Media Collective and ShvetaSardaeds. Sarai Reader 09: Projections, Delhi: Centre for the Study of Developing Societies, 2013,pp. 110-116, ISBN:978-93-82388-03-6.
3. Das Chaudhuri, Runa. Book Review of Debal K. SinghaRoy: Towards a knowledge society: New identities in emerging India. Delhi: Cambridge University Press, Sociological Bulletin, 64 (2), May-August 2015, pp. 256-258, ISSN:0038-0229.
4. Das Chaudhuri, Runa. "Voices unsettling the everyday: the strange case of the 'telephone' in Bangla literature" in Prasanta Ray and Nandini Ghosh eds.,



Everyday Lifeworlds: Contestations and Negotiations, New Delhi: Primus Books, 2016, pp.132-153, ISBN:978-93-84082-40-6.

Sarbani Bandyopadhyay

1. Bandyopadhyay Sarbani (co authored with Shoma Choudhury Lahiri). 2012. Dressing the Feminine Body *Economic and Political Weekly* Vol XLVII. No 46 pp 20-24 ISSN : 2349-8846
2. Bandyopadhyay Sarbani. 2012. Caste and Politics in Bengal *Economic and Political Weekly* Vol XLVII No. 50. Pp 71-73 ISSN : 2349-8846
3. Bandyopadhyay Sarbani. 2016. Another History : *Bhadralok* Responses to Dalit political assertion in colonial Bengal in Uday Chandra, Geir Heierstad and Kenneth Bo Nielsen (ed) *The Politics of Caste in West Bengal*. Routledge NY ISBN 978-1-138-92148-1

Shoma Choudhury Lahiri

1. 2010. Revisiting the National Youth Policy (with Jhumpa Mukherjee) *Economic and Political Weekly*, Vol 45, No. 26 and 27, June 26-July 9, pp 32- 34. ISSN 2349-8846
2. 2012. Dressing the Feminine Body (with Sarbani Bandyopadhyay) *Economic and Political Weekly* Vol XLVII No. 46, November 17, pp 20-24. ISSN 2349-8846
3. 2012. From Alternative Development to Developmentalism? : A Narrative of a People's Science Movement in Biswajit Ghosh (ed) *Interrogating Development: Discourses on Development in India*, Rawat. Jaipur. ISBN : 978-81-316-0476-2.

Zaid Al Baset:

1. alBaset Zaid. 2012. 'Section 377 and the Myth of Heterosexuality' *Jindal Global Law Review* Vol. 4 Issue 1.- ISSN 0975-2498
2. alBaset Zaid. 2013. Book Review of Naveeda Khan *Aspiration and Skepticism in Pakistan* Duke University Press. Durham and London: Duke University Press in *Indian Anthropologist*. Vol 43. No 2. July-Dec 2013
3. alBaset Zaid. 2014. Queering Cityscapes in Sukhbir Singh (ed) *Gay Subcultures and Literatures: The Indian Projections*. IAS. Shimla ISBN -978-93-82396-09-3
4. alBaset Zaid (co authored with Romit Chowdhury) 2015. Men Doing Feminism in India: An Introduction *Economic and Political Weekly* Vol 50. Issue No 20. May 16 ISSN: 2349-8846

Other Publications

"When 'no' really means 'no'" co-authored with Romit Chowdhury in *Hindu Op-ed* (online), 21st September 2013

<http://www.thehindu.com/opinion/op-ed/when-no-really-means-no/article5153890.ece>

- * Monographs Nil
- * Chapter(s) in Books Nil
- * Editing Books Nil
- * Books with ISBN numbers with details of publishers
- * number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences



- Directory, EBSCO host, etc.) Nil
- * Citation Index – range / average Nil
- * SNIP Nil
- * SJR Nil
- * Impact factor – range / average Nil
- * h-index Nil

15. Details of patents and income generated.

Nil

16. Areas of consultancy and income generated.

Nil

17. Faculty recharging strategies

There are two officially accepted faculty recharging strategies namely the Orientation and the Refresher Courses in which the teachers participate. In addition the College conducts one day faculty development workshops every year.

18. Student projects

- Percentage of students who have done in-house projects including inter-departmental
 - Percentage of students doing projects in collaboration with industries / institutes
- All 3rd year (nearly 60 out of 180) students of the Department do a dissertation which involves primary data collection, every year. This has been part of the curriculum, since the Department started.

19. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / Post-Doctoral fellows
- Students

Nil

20. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.

The Department organized two seminars:

- (i) It hosted the Annual Conference of Sociological Association of West Bengal on Dec 12, 2009.
- (ii) One day Seminar held on March 2011 on the occasion of 10 years of completion of the Department of Sociology.
- (iii) Two day National Seminar funded by ICSSR Eastern Regional Centre on “Identities Mobility and Well Being, 26-27th September 2015.



21. Student profile course-wise:

Name of the Course (refer question no. 2)	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
B.A(Honours) Sociology	906	17	102	60	89

22. Diversity of Students.

Name of the Course (refer question no. 2)	% of students from the College	% of students from the state	% of students from other States	% of students from other countries
B.A(Honours) Sociology	-	92%	8%	

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

NIL

24. Student progression

Student progression	Percentage against enrolled
UG to PG	70
PG to M. Phil	15
PG to Ph.D.	15
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection -	Nil
• Other than campus recruitment –	Nil
Entrepreneurs	Nil

Student Progression: 70 percent students pursue post graduate courses in different institutions like TISS as well as in Universities like Delhi University, JNU, Jadavpur University, Presidency University, and University of Hyderabad etc. These courses could be MA in Sociology, Disaster Management, Development Studies, Peace and Conflict Studies or even post graduate diploma courses in Mass Communication, Journalism etc. A small percentage applies and goes on to study in universities outside India like University of Oxford, London School of Economics, University of Essex, and University of Sheffield etc.

25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	60
from other universities within the State	20
from other universities from other States	20



26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

Nil

27. Present details about infrastructural facilities

- a) Library : Yes, College has Central Library
- b) Internet facilities for Staff and Students : Yes
- c) Total number of classrooms : 3
- d) Classroom with ICT facility : all classrooms we use have ICT facility
- e) Student's lab : Nil
- f) Research lab : Nil

28. Number of students of the department getting financial assistance from College.

Students getting financial assistance from college:

2011-12: 8

2012-13: 5

2014-15: 5

2015-16: 5

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

The Foundation Course on Inter Religious Studies and Personality Development Courses were introduced in the last two years. However we do not have any information on whether any needs assessment exercise was conducted before.

30. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

The Department obtains feedback from faculty regarding their teaching experience quite regularly. The problems are placed in the Board of Studies and their suggestions are sought. In many cases they are incorporated.

- b. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

The students of the Department participate in the feedback program conducted by the College every year. The teachers of the Department respond to it quite positively.

- c. alumni and employers on the programmes and what is the response of the department to the same?

Nil

31. List the distinguished alumni of the department (maximum 10)

The Department is only 14 years old. There are no distinguished alumni as yet.



32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Student enrichment programmes: Students are enriched by various activities organized for them by the Department. There are several 'beyond syllabus scholarly activities' (See No 36) that the Department organizes for them. In addition, participation in the various programs organized by different Societies (like the Debating Society, Literary Society, the Fine Arts Society) and in competitions between colleges also allows them to be creatively involved in extra- curricular activities.

33. List the teaching methods adopted by the faculty for different programmes.

The teaching methods used by the faculty involve a mix of both the lecture method, the use of ICTs, use of documentaries and films etc.

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

The Department conducts different modes of evaluation of the students individually as well as in groups and tries to ensure that the teaching learning objectives are met.

35. Highlight the participation of students and faculty in extension activities.

A good number of students participate in the NSS activities organized in college. In addition students also voluntarily involve themselves in various NGOs and social service organisations working on the underprivileged in society. This is mandatory for securing 1 social credit as part of the undergraduate program.

36. Give details of "beyond syllabus scholarly activities" of the department.

Beyond Syllabus Scholarly Activities:

- (a) Monthly Research Colloquiums are organized for both students and teachers so that it gives them an idea of the research conducted in the discipline.
- (b) A village exposure program organized for 2-3 days to inculcate in students skills of field research.
- (c) Talks are organized by eminent persons during the launch of the Departmental Journal every year.

37. State whether the programme/ department is accredited/ graded by other agencies. Give details.

Nil

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths:

- A committed faculty



Weakness:

- Most of the faculty members have not completed their Ph. D
- Lack of scope for any research

Opportunities:

- The creation and design of a new and updated syllabus for Sociology (Honours), Sociology (Ancillary) and Sociology (General)
- Creating new courses and modes of evaluation under the new curriculum

Challenges:

- To deliver quality service with increasing number of students every year

39. Future plans of the department.

To start a Post Graduate Course in Sociology



Evaluative Report of the Department – BA General

- Name of the Department and its year of establishment:**
BA General, Since Inception
- Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.).**
UG
- Interdisciplinary courses and departments involved**
Modern Indian languages (Hindi, Bengali, Alternative English) Sociology, Political Science, English, Bengali and History
- Annual/ semester/choice based credit system.**
Semester System
- Participation of the department in the courses offered by other departments**
Three ancillary subjects (of which one is Compulsory) two compulsory subjects (Language, ENVS) and one Value Added subject (Communicative English)
- Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)**
3 Guest Lecturers

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	1(History)	1 (History)

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Prof. Dr. Shamir Isha	Double M.A., Ph.D., B.Ed.,	Assistant Prof. and Head of Department (History)	Ancient Indian Hist.	13½ yrs.	None as Yet



Prof. Dr. Tinni Goswami	M.A. (Ph.D.)	History	History and Culture	13+ yrs.	None as Yet
Ms. Nandini Mukherjee	MA, MPHIL, LEFL	Guest Prof		7 Years	
Ms. Alaknanda Sen	MA, DELT	Guest Prof		7 Years	
Ms. Mala Balkrishnana	MA	Guest Prof		7 Years	

8. Percentage of classes taken by temporary faculty – programme-wise information

All Classes of communicative English taken by guest faculties.

9. Programme-wise Student Teacher Ratio.

1:56

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled.

Nil

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

Nil

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received

Nil

13. Research facility / centre with

- State recognition
- National recognition
- International recognition

Nil

14. Publications:

* Number of papers published in peer reviewed journals (national / international)

- (i) **PAPER** : "The Influence of Bengal on Mughal Painting", Journal of Bengal Art, **Volume 15, 2010, ICSBS, 2010, ISSN : 1607 - 1344** Dhaka, Bangladesh, Editor : Enamul Haque



(ii) **PAPER :** "The Rural Woman of Kalna and Their Syncretic Fair of Mazlis Sahib, Art and Culture", Page 97 - 100, '**ICSBA', 2012** Published in **Journal of Bengali Art**, Volume 17, **2012; ISSN : 1607 - 1344**, [Published By - Professor Dr. Enamul Haque, Chairman, The International Centre For Study of Bengal Art, **Dhaka** - 1205, Bangladesh].

(iii) **PAPER :** "The Pre-Mughal Islamic Schools - Artistic Movements in the Sultanate Era - the Delhi Sultanate and the Provincial - Sultanates, Pages ; 101 - 112, **ISSN - 0033 - 5800**, Volume L11, April, 2012 - September, 2012, The Quarterly review of Historical Studies, (Nos. 1 and 2)

Published by - Institute of Historical Studies 8/1, Loudon Street, Kolkata-700017 [Editor : Professor Dilip Coomar Ghosh] Assistant Editor : Dr. Ashoke Kumar Chakraborty.

[The publication of this Journal has been financially supported by the Indian Council of Historical Research" (ICHR)]

- a. Monographs - Nil
- b. Chapter(s) in Books - Nil
- c. Editing Books - Nil
- d. Books with ISBN numbers with details of publishers - Nil
- e. number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) - Nil
- f. Citation Index – range / average - Nil
- g. SNIP – Nil
- h. SJR - Nil
- i. Impact factor – range / average - Nil
- j. h-index – Nil

15. Details of patents and income generated

Nil

16. Areas of consultancy and income generated

Nil

17. Faculty recharging strategies

Nil

18. Student projects

- Percentage of students who have done in-house projects including inter-departmental
- Percentage of students doing projects in collaboration with industries / institutes

Nil



19. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post-doctoral fellows
- Students

Nil

20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Department organizes annual academic seminars and orientation programmes for students benefit.

21. Student profile course-wise:

Name of the Course (refer question no. 2)	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
BA General 2014-15	219	33	34	47%	75%

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the College	% of students from the state	% of students from other States	% of students from other countries
BA General 2014-15	Nil	84%	14%	2%

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

Nil

24. Student progression

Student Progression	Percentage Against Enrolled
Ug To Pg	75 %
Pg To M. Phil	Nil
Pg To Ph.D	Nil
Ph.D To Post-Doctoral	Nil
Employed	
1. Campus Selection	20%
2. Other Than Campus Recruitment	5%
Entrepreneurs	30%



25. Diversity of staff

Percentage of faculty who are graduates
of the same parent university – 100 %
from other universities within the State
from other universities from other States

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

Nil

27. Present details about infrastructural facilities

- a) Library - Yes
- b) Internet facilities for staff and students - Yes
- c) Total number of class rooms – 3
- d) Class rooms with ICT facility - Yes
- e) Students' laboratories – Yes, Language laboratory facilities are available to students
- f) Research laboratories – Nil

28. Number of students of the department getting financial assistance from College.

26 students

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

Nil

30. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
- b. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?
- c. alumni and employers on the programmes and what is the response of the department to the same?

Regular feedback on faculty and teaching learning process is obtained.

31. List the distinguished alumni of the department (maximum 10)

Nil

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Seminars are organised on time management and students' motivation at regular intervals.



- 33. List the teaching methods adopted by the faculty for different programmes.**
PPT for Communicative English is used, group discussions and workshops for students is organised.
- 34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?**
The department conducts regular CIA and semester exams, class tests, viva and group discussions.
- 35. Highlight the participation of students and faculty in extension activities.**
Nil
- 36. Give details of “beyond syllabus scholarly activities” of the department.**
Enthusiastic participation in academic seminars.
- 37. State whether the programme/ department is accredited/ graded by other agencies. Give details.**
Nil
- 38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department**
➤ Strengths – Cooperation, Commitment, Zeal, Focus, Ability
➤ Weakness – Stress, Time Management
➤ Opportunities – Seminars, Workshops remedial classes and extempores
➤ Challenges – Academic and all round improvement, meeting goals, time and stress management.
- 39. Future plans of the department.**
To make progress in keeping with the vision and mission of the College.



Evaluative Report of the Department – BA Gen (Raghabpur)

1. Name of the Department and its year of Establishment:

Department of B.A. General, July, 2014.

2. Names of Programmes/ Courses offered:

BA General (Raghabpur Campus)

3. Interdisciplinary Courses and Departments involved:

Nil

4. Annual/Semester/ Choice Based Credit System:

Semester System.

5. Participation of the Department in the Courses offered by other Departments:

History General and Ancillary, Bengali General and Ancillary, Compulsory Bengali and English, Political Science General and Ancillary, Communicative English, IT, Foundation Course, Environmental Studies, and Course on Life Skill Enhancement.

6. Number of Teaching Posts sanctioned and filled (Professors/ Associate Professors/ Asst. Professors):

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	7	7

7. Faculty Profile with Name, Qualification, Designation, Specialization

Name	Qualification	Designation	Specialization	No of Years of Experience	No. of PhD students guided for at least 4 years
Father Johnson Padiyara, S.J.	M.A., MBA.	Academic Coordinator	Rural Management	5 years	NIL
Tinni Goswami	M.A., Ph.D.	Assistant Professor	Modern Indian History	11 years	NIL



Prosenjit Ghosh	M.A., M. Phil.	Assistant Professor	Economic History of Modern India (1526-1950)	6 years	NIL
Sudakshina Basu	M.A., Ph.D.	Assistant Professor	Modern Bengali Literature	10 years	NIL
Debashish Bhattacharya	M.A., M. Phil., Ph.D.	Assistant Professor	Modern Poetry, Rabindranath Tagore, Imagery	9 years	NIL
Debasree Lahiri	M.A.	Assistant Professor	Human Rights	4 years	NIL
Swaraj Nandan	M.Com.	Guest Faculty	Photoshop, Coral draw, MS Office, Sony Vegas Pro9.	3 years	NIL
Alakananda Sen	M.A.	Guest Faculty	Dip; in ELT (CELТ)	15 years	NIL
Mala Balkrishnan	M.A.	Guest Faculty		10 years	NIL
Nandini Mukherjee	M.A., M. Phil.	Faculty and Course Coordinator	Dip; in ELT (CELТ)	30 years	NIL
Arup Mitra	M.Sc., Ph.D.	Associate Professor		21 years	2
Cheryl Francis	MSW	Director of Social Work and NSS		23 years	NIL
Uddalak Dutta	M.A.	Part-time Faculty	Twentieth Century Drama	3 years	NIL
Abhishek Ghosal	M.A.	Assistant Professor	Modern poetry, Drama	3 years	NIL

**Most of the teachers are from the main campus of Park Street



8. Percentage of classes taken by temporary faculty - Programme-wise information:

- a. History: NIL
- b. Bengali: 20%
- c. Political Science: Nil
- d. English: NA
- e. Communicative English: Nil
- f. Environmental Studies: Nil
- g. Foundation Course: Nil
- h. IT: Nil
- i. Life Skill Enhancement: Nil

9. Programme-wise Student Teacher Ratio:

1:13

10. Number of Academic Support Staff (technical) and Administrative Staff, Sanctioned and Filled:

10 Support Staff

11. Number of Faculty with ongoing projects from a) National, b) International funding agencies, and c) Total Grants received:

Nil

12. Departmental Projects funded by DST-FIST, DBT, ICSSR, etc; total grants received:

NIL

13. Research facility/centre with

- State recognition
- National recognition
- International recognition

NIL

14. Publications:

- * Number of papers published in peer reviewed journals (national/international) for the years: Nil
- * Monograph: Nil.
- * Chapter (s) in Books: Nil
- * Edited Books: Nil
- * Books with ISBN numbers with detail of publishers: Nil
- * Number listed in International Database: Nil
- * Citation Index – range/average: Nil.
- * SNIP: Nil



- * SJR: Nil
- * Impact factor-range/average: Nil
- * H-index: Nil

15. Details of patents and income generated:

Nil

16. Areas of Consultancy and income generated:

Nil

17. Faculty Recharging Strategies:

See the Annexure.

18. Students Projects:

- (a) History: All the Students had Departmental Projects. Till now there is no inter-departmental project or any other project in collaboration with industries/institutes.
- (b) Bengali: The students of the Department of Bengali had projects on various topics and gave seminar.

19. Awards/recognitions received at the national and international level by

- Faculty – See the Annexure.
- Doctoral/post-doctoral fellows – NIL
- Students – NIL

20. Seminars/Conferences/Workshops organised and the source of funding with details of outstanding participants, if any:

- (a) Department of History: On 23rd August, 2014, the Department organised a talk by Dr. Banani Bhattacharya, one of the renowned archaeologists of our country

- (b) Department of Bengali:

On 28th November, 2014, the Bengali Department organised an event where the drama 'Jhalapala' was performed by the troupe, 'Ballygunge Antarmukh'. On 28th February, 2015, the students of the Bengali Department had a wonderful interactive session with an eminent scholar, Dr. Achintya Biswas. He enlightened the students on the importance of the Bengali manuscripts.

In Xavollash (21st -22nd February, 2015), the annual cultural programme organised by the Bengali Literary Society, the students won third prize in the quiz contest and participated in the dance competition. On 21st February, the students of Rahgabpur Campus walked in the historic rally called *Samhati* with the students of Dhaka University to celebrate '*BhasaDibosh*'. The next day of Xavollash was celebrated at the Raghobpur Campus and the students participated in the inter-college competitions with the students of St. Xavier's College, Park Street, Ashutosh College, and Shymaprasad College.



21. Student Profile Course-wise:

Name of the Course	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
BA General 2014-15	86	14	21	Nil	Nil

22. Diversity of Students:

Name of the Course	% of students from the College	% of students from the state	% of students from the other states	% of students from other countries
BA General	-	100%	0%	0%

23. How many students have cleared Civil Services, Defence Services, NET, SLET, GATE and any other competitive examinations?

Nil

24. Student progression:

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M. Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed <ul style="list-style-type: none"> Campus Selection Other than campus recruitment 	Nil
Entrepreneurs	Nil

25. Diversity of staff:

Percentage of Faculties who are graduates	
of the same parent University	100%
from other Universities from other States	Nil
from other Universities within the State	Nil

26. Number of faculty who were awarded Ph.D. and D.Litt. during the assessment period:

Nil



27. Present details about infrastructural facilities:

- Library: The Department has a rich collection of both the text and reference books written in Bengali and English.
- Internet facilities for staff and students: The staff can use internet facilities for official and research purposes.
- Total number of class rooms: At present the Department has two class rooms.
- Class rooms with ICT facility: The class rooms have Audio Visual facility
- Students' laboratories and Research laboratories: 1 Computer Lab

28. Number of students of the Department getting financial assistance from College:
06 Students

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.
Nil

30. Does the Department obtain feedback from

- a) Faculty on curriculum as well as teaching –learning evaluation? If yes, how does the Department utilise it?

The Department emphasises on the need of the holistic development of the students. The objective of the Department is to provide a student-friendly environment where the pupils can grow well and would also get an opportunity to learn the things beyond their syllabus. The continuous evaluations help the students to assess their limitations. It also encourages them to do better in future. The valuable feedbacks from the other Departments also motivate the faculty to have a more unique and contemporary approach. The present syllabuses for both the Honours and Pass are a combination of lucid information and research based knowledge.

- b) Students on staff, curriculum as well as teaching –learning evaluation and what is the response of the Department to the same?

Majority of the students of the BA General Department, belong from the lower income group of the society and need special attention and care. The students have a cordial relationship with their Professors and always feel free to ask questions and satisfy their queries. The Department has a student-friendly interactive approach where every student has the equal opportunity to raise questions and share their views. The Department always gives priority on students' opinion for the growth of teaching-learning process.

- c) Alumni and employers on the programs and what is the response of the Department to the same?

The Department always welcomes suggestions from the Employers and Alumni of the main campus to overcome existing limitations and has eagerness to perform well by taking necessary initiatives. The Department is thankful and indebted to Fr.



Felix Raj, S.J, the Principal, St. Xavier's College (Autonomous), Kolkata, Fr. Johnson Padiyara S.J, the Academic Coordinator, Raghobpur Campus, St. Xavier's College, and Prof. Ashis Mitra, the Member Secretary Academic Council, St. Xavier's College (Autonomous), Kolkata, for their help and support.

31. List the distinguished alumni of the Department:

Nil

32. Give details of student enrichment programs (special lectures/ workshops/ seminar) with external experts.

- (a) The Department of History: On 23rd August, 2014, the Department organised a talk by Dr. Banani Bhattacharya, one of the renowned archaeologists of our country who has received international recognition for her outstanding contributions in archaeology.
- (b) Department of Bengali: On 28th November, 2014, the Bengali Department organised an event where the drama 'Jhalapala' was performed by the troupe, 'Ballygunge Antarmukh'. On 28th February, 2015, the students of the Bengali Department had a wonderful interactive session with an eminent scholar, Dr. Achintya Biswas. He enlightened the students on the importance of the Bengali manuscripts.
- (c) In Xavollash (21st -22nd February, 2015), the annual cultural programme organised by the Bengali Literary Society, the students won third prize in the quiz contest and participated in the dance competition. On 21st February, the students of Raghobpur Campus walked in the historic rally called *Samhati* with the students of Dhaka University to celebrate '*BhasaDibosh*'. The next day of Xavollash was celebrated at the Raghobpur Campus and the students participated in the inter-college competitions with the students of St. Xavier's College, Park Street, Ashutosh College, and Shymaprasad College.

33. List of teaching methods adopted by the faculty for different programs.

The department offers a detailed and innovative learning program for the students which includes - (i) extensive board work, (ii) question-answer sessions, (iii) debates, (iv) audio-visual aids, and (v) comparative studies. The Department also takes care for improving language skill and personality development. The student counselling is also an important part of the objective of the department as many students need moral support and help.

34. How does the Department ensure that program objectives are constantly met and learning outcomes monitored?

The students of the Department both Honours and Pass are improving day by day which also reflects in their results. The number of arrears is gradually decreasing. The Department motivates students to take part in various scholarly activities like seminars,



projects, and study tours. It is also an attempt to assess or monitor their daily performance and learning outcomes.

35. Highlight the participation of students and faculty in extension activities.

The students of the Department, who are doing NSS, often get opportunities to visit the main campus which help them to understand the institutional values. They also get a platform to share their views and ideas with others. These students take part in the initiative called 'College to Village', where they use to go to the interior villages to teach poor children and also to spend some quality time with them. Sucharita Karali and Soumen Biswas from BA General, and Pratik Makhal and Satindrabati Naru from Bengali Honours – are the students who teach the village children and help them to gain self-confidence. The students also participated in a college camp organised by NSS which took place in the month of October to construct the road from the College campus to Gobrachalk.

The faculty by participating in various seminars and conferences are also enriching themselves with appropriate knowledge and expertise.

36. Give details of “beyond syllabus scholarly activities” of the Department.

St. Xavier's College Raghobpur Campus participated in the annual Sports of St. Xavier's College, Park Street on 7th February, 2015 and won the third prize as the most attractive contingent in the departmental parade. Their theme was '*Education for all – sokaler jonnyo siksha*'. The students also participated in the events of 100 meter run for men and women, 400 meters relay for men and won prizes.

The students of SXC, Raghobpur celebrated Women's Day on 22nd March, 2015, with the students of the main campus in collaboration with AICUF and NSS. 500 women from different villages also joined and performed. The students of Raghobpur campus were highly appreciated for their acting performance based on the recitation by Bratati Bandyopadhyay, which is a protest on violence against women. Father Patrick Walsh, S.J., Parish Priest of Raghobpur, Father Joseph Raj, S.J., Academic Coordinator, Raghobpur Campus, Father Aurkoswamy, Animator, St. Xavier's College, Park Street, Brother Suresh, St. Paul's High School, Prof. Panchali Sen, Department of Political Science, St. Xavier's College, Park Street, and Prof. Cheryl Francis, Director, NSS, attended the occasion and motivated the village women with their inspirational speeches.

On 18th of April, 2015, Lena Schnepfer, a Graduate student of Martin Luther University, Halle, Wittenberg, Germany, visited the campus and interacted with the students. She gave a talk on her country and people and attended the Bengali and History classes to know more about the Indian culture and society. Our students enjoyed the interaction and shared their views and experiences with Lena. It was a memorable day for SXC Raghobpur, as we had our first foreign student visitor and hope to welcome more student visitors in near future.



On 5th September, 2015, the students of the BA General Department participated in the program for celebrating Teacher's Day which was held at the college auditorium.

The students of the Department, who are doing NSS, often get opportunities to visit the main campus which help them to understand the institutional values. They also get a platform to share their views and ideas with others. These students take part in the initiative called 'College to Village', where they use to go to the interior villages to teach poor children and also to spend some quality time with them. The students participated in a college camp which took place in the month of October to construct the road from the college campus to Gobrachalk.

FOUNDATION COURSE: A BRIEF INTRODUCTION

The main objective of Foundation Course is to introduce students to major religious traditions of the world with a brief exposition of basic tenets of Hinduism, Christianity and Islam. One of the main goals is to understand how these religious movements orient themselves in the world with respect to history, belief and practice. It also aims at to give a pluralistic understanding of religions in a multi religious country like India, to promote 'Social Harmony' among all religious people.

The Course also helps students to ask healthy and critical questions on different religions and their rituals and religious practices, as it also aims to inculcate in students a sense of respect and appreciation for followers of other religions and traditions and to enhance social harmony and inter-religious dialogue in the country. To achieve these goals, topics like God-Man-World concepts, sacred texts, human destiny, rituals, holy places and community, besides others, will be dealt with.

The goal of the Foundation Course is to 'Form men and women for others'. It believes not in mere accumulation of knowledge by students, but also application of knowledge for the welfare of most needy and assimilation of noble values of equality, religious plurality and unity transcending all barriers of caste, creed and cult. This is not achieved by mere increment of knowledge but actual inculcation of ethical values.

Therefore the Course provides a strong basis for over-all positive growth of students in their emotional, inter-personal, spiritual and ethical spheres. The Foundation Courses are designed to address each of these aspects in a systematic manner. They will function as the foundation of all other courses irrespective of subjects students may study and the specialization they may be interested in. The Foundation courses will touch upon the core skills and essential values students will require once they leave the four protective walls of classrooms. Therefore, these courses will function as 'the foundation for school of life for the personality formation of the students'.

(Written by Father Johnson Padiyara, S.J., the Academic Coordinator, SXC, Raghobpur.)

37. State whether the program/Department is accredited/graded by other agencies. Give details.

Nil



38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department.

Strengths

- Dedication and sincerity of the teachers.
- Perseverance of the students.
- Student-friendly environment.
- Teacher-student bonding.
- Eagerness to learn.

Weaknesses

- Poor economic background of the students which is one of the major causes for the dropouts as they have to earn for their families.
- Social constraints which sometimes compel the students, especially the girl students to leave the College. It becomes difficult for the girls to continue after marriage and often they use to get married at their teens.
- The lack of awareness on various social issues including female education and empowerment.
- Health problems due to lack of nutrition. Quite a number of students do not attend classes regularly as they remain unwell throughout the year.
- The lack of proficiency in the English language. It may be noted that, most of the authentic text books are written in English and our students can't grasp them well as their English language skill is below the average level. To solve the problem, the teachers of the Department translate English texts into Vernacular for their better understanding.

Opportunities

- To launch PG Course in future.
- To have student-exchange programs with the other universities in India, even in abroad if possible.
- To have a departmental journal and wall-magazine.
- To conduct frequent study tours to the historical places to equip students with relevant knowledge.
- To introduce career-oriented programs and training for the better future of the students.

Challenges

- To make the Course popular and well appreciated.
- To do excel in studies and extra-curricular activities.
- To promote research and inter-disciplinary studies.
- To encourage female education and empowerment.
- To decrease the number of dropouts by providing them necessary help and support.



39. Future plans of the Department:

- To have a series of interactive sessions/seminars/workshops with the eminent scholars from the stream of Social Science. The objective behind these programs is to give an academic exposure to the students along with an attempt of creating social awareness.
- To conduct project-based study tours.
- To have inter-department seminars/ workshops/projects.
- To conduct workshops/ training courses on career oriented programs and competitive examinations.
- To promote students' seminars and encourage them to participate in various academic and cultural activities.
- To have workshops/ lectures/ seminars on women centric issues to raise the awareness level.
- To have programs/seminars/workshops in collaboration with other colleges, institutions and NGOs.



Evaluative Report of the Department – Bengali (Raghabpur)

- Name of the Department and its year of establishment –**
Department of Bengali, 2014
- Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**
Bengali Honours (U.G.)
Bengali General (U.G.)
Bengali Mil (U.G.)
- Interdisciplinary courses and departments involved**
A. Communicative English classes are taken by the faculties of English department.
B. Assignments and classes with history and political science departments as general.
- Annual/ semester/choice based credit system -**
Semester System
- Participation of the department in the courses offered by other departments**
Nil
- Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)**

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	1	1

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Sudakshina Basu	M.A. Ph.D.	Assistant Professor	Modern Bengali Literature, Modern Poetry, Feminist Texts And Criticism	10 Years	Nil

**Some faculties are from Main Campus



- 8. Percentage of classes taken by temporary faculty – programme-wise information**
20 % of the classes are taken by the temporary faculty
- 9. Programme-wise Student Teacher Ratio.**
1: 13
- 10. Number of academic support staff (technical) and administrative staff: sanctioned and filled -**
10 Support staff
- 11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise. –**
Nil
- 12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received–**
Nil
- 13. Research facility / centre with**
 - state recognition
 - national recognition
 - international recognitionNil
- 14. Publications:**
 - * number of papers published in peer reviewed journals (national / international)
 - * Monographs
 - * Chapter(s) in Books
 - * Editing Books
 - * Books with ISBN numbers with details of publishers
 - * number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Citation Index – range / average
 - * SNIP Nil
 - * SJR Nil
 - * Impact factor – range / average Nil
 - * h-index Nil



Publication of Dr. Sudakshina Basu

Book Review

Sl. No.	Title	Year of Publication	Publisher	Type of Journal
1.	“Sphatiker niche chapa pore ache je andhakar tar duti dana”	2004	Poetry Review	National
2.	4 “Manushera kirokom achhe” [on poet Bhaskar Chakraborty]	2008	Royak	National
3.	9 “Mangolkabya @ 2000” [on poet Chandrani Bandyopadhyaya]	2011	Ekantor	National

Critical Essay

Sl. No.	Title	Year of Publication	Publisher	Type of Journal
1.	“Meyeder lekhalekhi”	2010	Prokorsho	National
2.	“Dukhya rater gaan”	2010	Smarok Grantha, Chandannagore Book Fair	National
3.	“Jung saheber ekti archetype o panch dasoker meyeder kobita”	2010	Baktabya	National
4.	“Bani rayer kobita”	2011	Ekantor	National
5.	“Yoshodhara Raychoudhurir kobita”	2012	Ebong Mushyara	ISSN 9789380255170
6.	Kobitay Narikantho: Rabindranath o tirisher kobira	2014	Kobisammelan	National
7.	Mantor Galper Meyera	2015	Karubasana	ISSN 23208597
8.	Patar Manabi o Porir Santan	2015	Mallhar	ISSN 23475811

Chapter in a Book

Sl. No.	Title	Year of Publication	Publisher	Name of the Book	ISBN
1	Sahodora : Ekti Path	2014	Bidya	Adhunik Kobita : Samayer Ovigyan	978938309 3113
2.	“Prithibi Baruk Roj”	2014	Bidya	Adhunik Kobita SamayerOvigyan	978938309 3113
3.	Singhabahini :ntorobita Singher	2012	Day's	Palabodole Adhunik Bangla Kobita	978812951 4127



EDITORIAL

Sl. No.	Name	Year Of Publications	Publisher	Type Of Book
1	BHUMIKA	SHRISTISANDHAN KOBITA SANKALAN	SHRISTI SANDHAN	NATIONAL

15. Details of patents and income generated

Nil

16. Areas of consultancy and income generated

Nil

17. Faculty recharging strategies:

Faculty Orientation Programmes, Workshops, Seminars, Group Discussions are held for faculty recharging strategy.

18. Student projects

- percentage of students who have done in-house projects including inter-departmental
Students are provided with some projects on various topics in departmental seminar.
- percentage of students doing projects in collaboration with industries / institutes - Nil

19. Awards / recognitions received at the national and international level by

- Faculty NIL
- Doctoral / post-doctoral fellows - Dr. Sudakshina Basu
- Students NIL

20. Seminars/ Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

In-House, Inter-Disciplinary Workshop And Seminar organized and Funded By College. No participation arranged Outside the College.

On 28th November, 2014 the audio version of the drama 'Jhala Pala'(the drama belong to the course of the department) was performed in the College Auditorium by the professional theatre group Ballyguange Antarmukh.

A workshop has been arranged by the Department on 'Bengali Manuscripts' by Dr. Achintya Biswas.

A cultural event was organised by BLS to celebrate 'Bhasha Diwas' with the students of Dhaka University to celebrate Samhati on 21stand 22nd February, 2015. The College students participated in the event and won 3rd prize in Quiz contest and participated in dance competition.



21. Student profile course-wise:

Name of the Course (refer question no. 2)	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
Bengali Honours	86	15	34	-	-

22. Diversity of Students

Name of the Course	% of students from the College	% of students from the state	% of students from the other states	% of students from other countries
Bengali Honours	100	100	0	0

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? -
Nil

24. Student Progression

Student Progression	Percentage Against Enrolled
Ug To Pg	Nil
Pg To M. Phil	Nil
Pg To Ph.D	Nil
Ph.D To Post-Doctoral	Nil
Employed 1. Campus Selection 2. Other Than Campus Recruitment	Nil
Entrepreneurs	Nil

25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	100%
from other universities within the State	Nil
from other universities from other States	Nil

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. -
Nil

27. Present details about infrastructural facilities

- Library Well Equipped With Text, Supporting And Literary Books And Audio-Visual Aid Under Digital Management
- Internet facilities for staff and students **100%**



- c) Total number of class rooms **1**
- d) Class rooms with ICT facility **1**
- e) Students' laboratories **One Computer Lab**
- f) Research laboratories **Nil**

28. Number of students of the department getting financial assistance from College.

11 Students get financial assistance from the college

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

Methodology to Assess Need Assessments of Students Regarding Financial Support Is Undertaken And Acknowledged.

30. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
Discussions And Assessment Are Done And Exercised Through B.O.S. Meetings.
- b. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same? - Nil
- c. alumni and employers on the programmes and what is the response of the department to the same? – Nil

31. List the distinguished alumni of the department (maximum 10) -

Nil

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

In-House, Inter-Disciplinary Workshop And Seminar organized and Funded By College. No participation arranged Outside the College.

A workshop has been arranged by the Department on 'Bengali Manuscripts' by Dr. Achintya Biswas.

33. List the teaching methods adopted by the faculty for different programmes.

- (1) Chalk and talk
- (2) Various types of Alternative teaching aids:
 - a. Audio
 - b. Visual
 - c. Audio-Visual

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Through Weekly Inter-Disciplinary Assessments And Faculty Meetings And



Semester-Wise B.O.S. Meetings.

35. Highlight the participation of students and faculty in extension activities.

Students are encouraged to enroll themselves with the NSS for which they get social credits. Students have celebrated the Independence day on 15th August 2014 by a cultural programme at Raghampur Campus. On 5th September, 2014 a cultural programme was arranged by our students to celebrate 'Teachers Day'. In the month of October 2014 a cultural programme was arranged by BLS named 'SHAROD' to celebrate the festive mood.

36. Give details of "beyond syllabus scholarly activities" of the department.

- Cultural performance
- Social work
- Magazine editing
- Excursion

37. State whether the programme/ department is accredited/ graded by other agencies. Give details.

Nil

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths

- (1) Eminent Faculty with proper knowledge of the subject
- (2) Useful Library
- (3) Computer Lab and Internet facility
- (4) Modern Classrooms (Containing audio visual aids)
- (5) Financial assistance to students

Weaknesses

- (1) Some students are from poor family background.
- (2) Remote area
- (3) The girl students are being married often during the study and cannot continue their study.

Opportunities

- (1) As this campus is situated in a remote area so villagers are being privileged by higher education, specially the girls who may have discontinued their studies.

Challenges

- (1) Poor students mostly discontinue their studies
- (2) Being married the girl students stop their studies.
- (3) As they are the first generation learner they face kind of difficulties grasping idea and the environment is not suitable for their study, their kin interest and the involvement of professors can jointly solve the problem.



39. Future plans of the department.

1. Placement of students in higher studies and make them compatible for different jobs. Bengali department is planning for some courses in DTP training, Book printing and publishing, editorial jobs. Service commission jobs, media jobs etc.
2. Encourage the students to research in different section of Bengali language and literature, which is still untouched.
3. We encourage our students to increase the habit of reading as well as other cultural performance.
4. Though Bengali is a regional language, we encourage our students keep in touch with the world literature. Using internet, reading e-book is highly encouraged.
5. Being a student of humanity, we try to develop the good human qualities among our kids to make them 'Men and Women for others'.

We encourage our students to improve their creative thinking to express in their writings e.g. poetry, short story, essays etc.



Evaluative Report of the Department – Biotechnology

- Name of the Department and its year of establishment:**
Biotechnology, July 2006.
- Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):**
Integrated Masters.
- Interdisciplinary courses and departments involved:**
Biology (classical and modern), Chemistry, Physics, Mathematics, Computers.
Departments involved – Physics, Computer.
- Annual/ semester/choice based credit system:**
Semester
- Participation of the department in the courses offered by other departments:**
Environmental Science (not regularly), Foundation Course, Modern Indian Languages, English.
- Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors):**

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Assistant Professors	10	10

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.):**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Student s Guided in the last 4 Years
Dr. Chandana Barat	M. Sc, Ph.D.	Assistant Professor	Biochemistry Molecular Biology	Teaching- 10 yrs Research- 23 years	2



Dr. Uma Siddhanta	M. Sc, Ph.D.	Assistant Professor	Biochemistry Molecular Enzymology	Teaching-9 yrs Research-1989-till date with 3 years gap in between	nil
Dr. Sudipa Saha	M. Sc, Ph.D.	Assistant Professor	Biophysical Chemistry (Protein structure and function)	Teaching-10 yrs Research- 15 yrs	nil
Dr. Aniruddha Banerji	M. Sc, Ph.D.	Assistant Professor	Zoology, Cancer Biology	Teaching- 8 yrs Research- 14 yrs	1
Dr. Jhimli Dasgupta	M. Sc, Ph.D.	Assistant Professor	Structural Biology, Bioinformatics	Teaching-7 yrs Research- 16 yrs	3
Dr. Dipankar Chakraborty	M. Sc, Ph.D.	Assistant Professor	Botany, Plant Biotechnology	Teaching- 6 yrs Research- 15 yrs	3
Dr. Aryadeep Roy Choudhury	M. Sc, Ph.D.	Assistant Professor	Biophysics, Molecular Biology and Genetics	Teaching-5.5 yrs Research-15 yrs	2
Dr. Ronita Nag Chaudhuri	M. Sc, Ph.D.	Assistant Professor	Molecular Biology, Recombinant DNA Technology	Teaching-5.5 yrs Research-15 yrs	3
Dr. Priyanka De	M. Sc, Ph.D.	Assistant Professor	Genetics	Teaching-5 yrs Research-5 yrs	nil
Prof. Souvik Roy	M.Sc., M. Phil. (pursuing Ph.D. in Microbiology from Calcutta University)	Assistant Professor	Medical Microbiology, Food Microbiology, Industrial Microbiology.	Teaching-11 yrs Research- 9 years [2006-till date]	nil



8. Percentage of classes taken by temporary faculty – Programme-wise information:

Name	Subject	Total Number of Classes Taken per Week	Percentage of Total Classes
Ms. Soma Roy	Mathematics	Odd-6 (Sem I and III) per week Even-6 (Sem II and IV) per week	Odd - 7% for Sem I and 7% for Sem III Even – 7% for Sem II and 7% for Sem IV
Dr. A.C. Banerjee	Bioethics	Odd-1 (Sem IX)	2.4%
Ms. Moumita Rakshit	Chemistry – Organic synthesis	Even-2 (Sem VI) for four weeks	1.6%
Dr. Nitai P. Bhattacharyya	Proteomics	Odd-2 (Sem IX) for five weeks	1.6%

9. Programme-wise Student Teacher Ratio:

1:28

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled:

Technical Staff – 3

Administrative Staff - Nil

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise:

Name of Faculty	Granting Agency	Total Sanctioned Grant (RS)	No. of Research Scholars
Dr. Chandana Barat	Department of Science and Technology, India	35,55,000	1
Dr. Uma Siddhanta	Department of Biotechnology, West Bengal	29,73,000/-	1
Dr. Aniruddha Banerji	Govt. of West Bengal, Department of Science and Technology	Rs. 17,62,614.00	1
Dr. Jhimli Dasgupta	DAE(BRNS)	29,37,763/-	1
Dr. Dipankar	Indian Council of	71,00,000/-	2



Chakraborty	Agricultural Research		
	Science and Engineering Research Board	25,00,000/-	1
Dr. Aryadeep Roy Choudhury	1. Science and Engineering Research Board, Department of Science and Technology, Govt. of India	24,95,000/-	1
	2. Council of Scientific and Industrial Research, Govt. of India	23,00,000/- (approx.)	1
Dr. Ronita Nag Chaudhuri	CSIR (sanctioned)	22,00,000/- (approx.)	1

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received:

Grant	Granting Agency	Total Grant Received (Rs.)
BOOST	Department of Biotechnology, West Bengal	25,00,000/-

13. Research facility / centre with state recognition / national recognition / international recognition:

Nil

14. Publications:

- * Number of papers published in peer reviewed journals (national / international)
- * Monographs
- * Chapter(s) in books
- * Editing books
- * Books with isbn numbers with details of publishers
- * Number listed in international database (for e.g. web of science, scopus, humanities international complete, dare database - international social sciences directory, ebsco host, etc.)



- * **Citation index – range / average**
- * **SNIP**
- * **SJR**
- * **Impact factor – range / average**
- * **h-index**

Name of Faculty	Journal / National	Journal / International	Year of Publication	Impact Factor
Dr. Chandana Barat	-	Molecular Cell	2007	14
	-	Proc Natl Acad Sci U S A	2007	9.77
	-	J. Biol.Chem	2010	5.34
	-	Plos One	2014	3.4
	-	Plos One	2014	3.4
Dr. Uma Siddhanta	Nil	Nil	N.A.	N.A.
Dr. Sudipa Saha		The Protein Journal	2007	0.912
	J. Indian Chem. Soc.		2011	0.173
		Advances in Biological Chemistry	2013	0.55
Dr. Aniruddha Banerji		Life Sciences	2008	2.702
		Journal of Environmental Pathology, Toxicology and Oncology	2008	1.154
		J Cancer Mol	2008	
		Life Sciences	2009	2.702
		Journal of Oncology	2009	
		Molecular and Cellular Biochemistry	2010	2.393
		<i>International Journal of Biology, Pharmacy and Allied Sciences</i>	2012	0.812
		Proceedings of the Zoological Society	2013	
Dr. Jhimli Dasgupta		J Biol Chem, Acta Cryst F	2015	4.6, 0.57
		Plos One,	2013	3.53
		J Virol,		4.65



		Acta Cryst F		0.57
		BBA	2012	3.19
		J Biol Chem, Acta Cryst F (2)	2011	4.6, 0.57
		Protein Sc., Acta Cryst F	2010	2.86, 0.57
		Hum Mol Genet., Biochemistry	2009	6.68, 3.19
		Virology, J Biomol Struct Dyn.	2008	3.28, 2.9
Dr. Dipankar Chakraborty		Plant Cell Tissue and Organ Culture	2006	2.612
		African Journal of Biotechnology	2006	0.573
		Planta	2007	3.376
		Journal of Plant Interactions	2008	0.865
		Plant Cell Reports	2008	3.071
		Transgenic Research	2009	3.119
		Plant Cell Reports	2010	3.071
		PLoS ONE	2010	3.534
		Plant Signaling and Behavior	2010	2
		PLoS ONE	2011	3.534
		BMC Biotechnology	2013	2.592
		Plant Journal	2013	6.815
		Open Access Biotechnology	2014	-
		Plant Biotechnology	2014	1.056
		BMC Genomics	2014	2.592
Dr. Aryadeep Roy Choudhury		BMC Plant Biology (01)	2006	3.81
		Plant Cell Reports (01)	2007	3.071
		Plant Cell Reports (02)	2008	3.071
		African Journal of Biotechnology (01)		0.57



		Acta Physiologiae Plantarum (01)	2009	1.584
		Biologia Plantarum (01)		1.849
	Indian Journal of Experimental Biology (01)			0.835
	Indian Journal of Biochemistry and Biophysics (01)			0.871
		Plant Growth Regulation (01)	2010	1.672
		Acta Physiologiae Plantarum (01)		1.584
		Journal of Plant Physiology (01)	2011	2.557
		Plant Cell Reports (01)		3.071
	Indian Journal of Biochemistry and Biophysics (01)	Acta Physiologiae Plantarum (01)	2012	1.584
		Plant Signaling and Behavior (01)		2
				0.871
		Plant Cell Reports (01)	2013	3.071
	Indian Journal of Biotechnology (01)	Biochemical and Biophysical Research Communications (01)	2014	2.297
		Plant Signaling and Behavior (01)		2
		International Journal of Pharma and Biosciences (01)		5.121
		BioMed Research International (01)		2.71
				0.386
		Environmental Science and Pollution Research	2015	2.828
		The Scientific World Journal		1.73
		Frontiers in Plant		3.9



		Science		
Dr. Ronita Nag Chaudhuri		1. Plos One	2013	3.534
		2. Nucleic Acids Research	2010	9.11
		3	2009	7.33
		4. Nucleic Acids Research	2008	9.11
		5. Plant Cell Tissue Organ Culture	2006	2.61
		6. Plant Molecular Biology	2005	4.07
		7. Plant Cell Reports	2001	2.94
Dr. Priyanka De	-	Perspectives in Cytology and Genetics	2007	NA
	-	Journal of Endocrinology	2008	3.781
	Everything about environment	-	2008	-
	-	Cellular Physiology and Biochemistry	2009	2.875
	-	Journal of Endocrinology	2011	3.781
		Austin Journal of Biotechnology and Bioengineering	2014	-
Mr. Souvik Roy	-	International Journal of Scientific Research.	2015	3.2416

Chapter(s) in Book	Name of book	Year
Dr. Aniruddha Banerji	Zoological Research in Human Welfare	2008
Dr. Aryadeep Roy Choudhury	Omics and Plant Abiotic Stress Tolerance, Bentham Science Publishers	2011
	1. Oxidative stress in plants: Causes, Consequences and Tolerance, IK International Publishers	2012
	2. Advances in Medicine and Biology, Volume 51, Nova Science Publishers	
	3. Phytotechnologies: Remediation of Environmental Contaminants, CRC press, Taylor and Francis Group	
	1. Plant Adaptation to Environmental Change:	2014



	Significance of Amino acids and their derivatives, CAB International Publishers	
	2. Abiotic Stress: Role in Sustainable Agriculture, Detrimental Effects and Management Strategies, Nova Science Publishers	

15. Details of patents and income generated:

- Mannose binding lectin from *Allium sativum* leaves, effective against white fly and cotton aphid and process for its preparation Application: 889/KOL/2005, Publication date: 2006-08-04, Patent No. 228783, Inventor: Sampa Das, Santanu Banerjee, Pralay Majumdar, Hossain Ali Mondal, Prasenjit Saha, Dipankar Chakraborti.
- An improved process for preparing pure mannose-binding lectin from *Allium sativum* effective against white fly, cotton aphid and *Aphis craccivora* Application: 481/KOL/2008 A, Filing date: 2008-03-10, Publication date: 2008-06-27 Inventor: Sampa Das, Dipankar Chakraborti, Hossain Ali Mondal.

16. Areas of consultancy and income generated:

Nil

17. Faculty recharging strategies:

Name of Faculty	Orientation Programme with the necessary details	Refresher Course with necessary details	Any other course attended
Dr. Chandana Barat	OP- Academic Staff College of Calcutta University, 2014	RC - UGC Academic Staff College of Calcutta University (Dept. of Physiology), 2011	Bioinformatics in Genomics and Proteomics, IIT, Kharagpur, 2006
Dr. Uma Siddhanta	OP – UGC Academic Staff College of Jadavpur University, 2014	1. RC in Life Sciences UGC Academic Staff College of Calcutta University (Dept. of Botany), 2010 2. RC in Life Sciences UGC Academic Staff College of Calcutta University (Dept. of Physiology), 2015	Bioinformatics in Genomics and Proteomics, IIT, Kharagpur, 2006



Dr. Sudipa Saha	OP (OP-83), organized by Academic Staff College, University of Calcutta, 2010	(1) RC in Chemistry, organized by Dept. of Chemistry, University of Calcutta, 2011	
		(2) RC in Chemistry, organized by Dept. of Chemistry, Jadavpur University, 2015	
Dr. Aniruddha Banerji	OP (OP-84), organized at Academic Staff College, University of Calcutta, 2010.	(1) RC in Life Sciences, organized at Dept. of Physiology, University of Calcutta, 2011	Workshop on Advanced Methods of Field Biology and Statistics for Life Science Research, organized by The Zoological Society, Kolkata and Dept. of Zoology, University of Calcutta, 2014
		(2) RC in Life Sciences, organized at Dept. of Physiology, University of Calcutta, 2015	
Dr. Jhimli Dasgupta	OP - Academic Staff College of Calcutta University, 2012	RC – Dept of Chemistry, Jadavpur University, 2013	
Dr. Dipankar Chakraborty	OP - UGC Academic Staff College of Calcutta University, 2012	RC - UGC Academic Staff College of Calcutta University (Environmental Studies), 2013	
Dr. Aryadeep Roy Choudhury	OP (OP-99), organized at Academic Staff College, University of Calcutta, 2013.	RC in Life Sciences, organized by Academic Staff College, Calcutta University at the Dept. of Zoology, 2013	Inter Institutional Faculty Exchange Programme organized by All India Association for Christian Higher



			Education (AIACHE), New Delhi, November 30 th to December 8 th , 2014, at Kochi and New Delhi
Dr. Ronita Nag Chaudhuri	OP-Academic Staff College of Calcutta University, 2013	RC in Life Sciences organized by Academic Staff College, Calcutta University, Dept of Physiology, 2015	
Dr. Priyanka De	OP -UGC-sponsored '50th Orientation Programme', conducted by the UGC-Academic Staff College, Jadavpur University, 2014.	RC - UGC-sponsored Refresher course on 'Disaster Management', organised by the Civil Engineering Department, Jadavpur University, 2015.	
Mr. Souvik Roy	Applied.		

18. Student projects:

Batch with total strength of students	Percentage of students who have done in-house projects including inter-departmental (Only Semester X project is listed)	Percentage of students doing projects in collaboration with industries / institutes (Only Semester X project is listed)
2006-2011; 31 students	6.5% (JD-2)	93.5%
2007-2012; 33 students	6.1% (JD-1, AB-1)	93.9%
2008-2013; 30 students	3.3% (RNC-1)	96.7%
2009-2014; 32 students	12.5% (JD-2, RNC-2)	87.5%
2010-2015; 37 students	10.8% (CB-2, DC-2)	89.2%
2011-2016; 33 students	NA	NA
2012-2017; 35 students	NA	NA
2013-2018; 30 students	NA	NA
2014-2019; 40 students	NA	NA
2015-2020; 55 students	NA	NA



Note: We have not included the large number of students who do summer internship every year with the departmental faculties as well as in several research institutions in and around Kolkata and outside from semester VI onwards.

19. Awards / recognitions received at the national and international level by Faculty, Doctoral / Post -doctoral Fellows, Students:

FACULTY	
Name	Award / Recognition
Dr. Aniruddha Banerji	(1) Award for Best Oral Presentation, at Symposium on Recent Trends in Cancer Research and Treatment, organized by Chittaranjan National Cancer Institute Golden Jubilee celebration, 2007.
	(2) Included in India Cancer Researcher Database (ICRD), supported by the Department of Biotechnology, Government of India, 2011.
Dr. Jhimli Dasgupta	'Innovative Young Biotechnologist Award (IYBA) 2010' from Ministry of Science and Technology, Dept of Biotechnology, Government of India.
Dr. Dipankar Chakraborti	DST Fast Track Young Scientist Award, 2012
Dr. Aryadeep Roy Choudhury	DST Fast Track Young Scientist Award, 2012
Dr. Ronita Nag Chaudhuri	DST Fast Track Young Scientist Award, 2011
DOCTORAL /POST-DOCTORAL FELLOWS	
Name (including name of the supervisor)	Award / Recognition
Mr. Surojit Mondal (Supervisor - Dr. Chandana Barat)	Best Poster Presentation at S.B.C., 2011.
Ms. Sonia Bedi (Supervisor- Dr. Ronita Nag Chaudhuri)	Second Best Poster Presentation at 'Evolving Plant Biology - from Chromosome to Genomics', West Bengal Academy of Science and Technology, 2014.
STUDENTS	



Name (including batch number)	Award / Recognition
Ms. Payel Roy (2006-2011)	Shyama Prasad Mukherjee (SPM) Fellowship by CSIR (Rank – 1 st in NET, Life Sciences), Dec. 2010
Ms. Mohini Sengupta (2006-2011)	2nd rank in DBT-NET, Dec. 2010.
Mr. Debopam Ghosh (2006- 2011)	6th rank in CSIR-NET, June 2011.
Participants from Batch (2008-2013)	Awarded 1 st and 3 rd prizes in an oral competition entitled “ Emerging Trends in Biological Research in India”, organized by Department of Biophysics, Molecular Biology and Bioinformatics, University of Calcutta in 2012.
Ms. Deblina Ray Chowdhury (2009-2014)	SPM Fellowship by CSIR (Rank – 4 th in NET, Life Sciences), Dec. 2013
Mr. Liberalis Debraj Boila (2009-2014)	SPM Fellowship (Rank – 8 th in NET, Life Sciences), Dec. 2013
Mr. Vikramjit Lahiri (2011- 2016)	Obtained 2 nd Rank (Life Sciences) in 2014 December NET exam.
	Awarded with Khorana Fellowship to travel to USA for summer internship
Mr. Rishav Mitra (2011- 2016)	Awarded second prize in a seminar competition, “Voice for BT – Public Speaking Contest ”, organized by Novozymes S.A. Pvt. Ltd. in 2014

20. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any:

- One day symposium on Bioinformatics was organized in the year 2007 in collaboration with Computer Science Department of the college.
- One day Seminar was organized for Biotechnology and Microbiology students on Neuroscience entitled ‘Modulation of neuronal circuitry and synaptic mechanisms of plasticity’ in the year 2012. Speakers were Dr. Sharba Bandyopadhyay and Dr. Sourav Banerjee from National Brain Research Centre (Deemed University), Ministry of Science and Technology, India.
- A seminar was arranged recently (23-07-15) for our students. The speaker, Dr. Jayanta Chatterjee of IISc, Bangalore, delivered a lecture on “Development of a



peptide that activates protein phosphatase-1 (PP1) by perturbing PP1-PIP interactions in live cells.”

21. Student profile course-wise:

Name of the Course (refer question no. 2)	Application Received	Selected (completed or stayed in the course)		Pass Percentage (on completion of the course)	
		Male	Female	Male	Female
Five Year Integrated M.Sc. (Biotechnology)	782	16	32	100	100

Note: 1 male candidate of 2008 batch repeated Sem III onwards and 1 female candidate of 2009 batch repeated Sem X.

22. Diversity of Students:

Name of the Course (refer question no. 2)	% of students from the College	% of students from the state	% of students from other States	% of students from other Countries
Five Year Integrated M.Sc. (Biotechnology)	-	100	Nil	Nil

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

Batch	Total no. of Students	NET/ GATE	Others
2006-11	31 (many students qualified in multiple examinations)	CSIR-NET: 11, UGC-NET: 5, LS-NET: 2, DBT-NET: 11, GATE: 16	CAT: 1, GRE and TOEFL: 3
2007-12	33 (many students qualified in multiple examinations)	CSIR-NET: 9, UGC-NET: 5, LS-NET: 2	
2008-13	30 (many students qualified in multiple examinations)	CSIR-NET: 5; UGC-NET: 4, LS-NET: 7, DBT-NET: 2, ICMR-NET: 1, GATE: 7	
2009-14	32 (many students qualified in multiple examinations)	CSIR-NET: 5; UGC-NET: 2, LS-NET: 4, DBT-NET: 5, GATE: 8	
2010-15	37 (many students qualified in multiple examinations)	CSIR-NET: 6, UGC-NET: 4, LS-NET: 3,	
2011-	33 (currently in Sem IX)	CSIR-NET: 2, UGC-NET: 3,	



16		LS-NET: 1	
2012-17	35		
2013-18	30		
2014-19	40		
2015-20	55		

24. Student progression:

Student Progress	Batch 2006-11	Batch 2007-12	Batch 2008-13	Batch 2009-14	Batch 2010-15	Batch 2011-16	Batch 2012-17	Batch 2013-18	Batch 2014-19	Batch 2015-20
UG to PG	Not applicable since it is an Five Year Integrated M.Sc. Course									
PG to M. Phil.	None					N.A. since they have not yet graduated.				
PG to Ph.D.	25 out of 31	18 out of 33	25 out of 30	17 out of 32	Students are in the process of taking Ph.D admission	N.A. since they have not yet graduated.				
Ph.D. to Post-Doctoral	N/A since they have not yet completed their Ph.D. Programme									
Employed			No information available			N.A. since they have not yet graduated.				
• Campus selection	2	2								



• Other than campus recruitment				
Entrepreneurs	No information available			

25. Diversity of staff:

Name of Faculty	Graduate of Calcutta University	Graduate of any other University within the state
Dr. Chandana Barat	√	
Dr. Uma Siddhanta	√	
Dr. Sudipa Saha	√	
Dr. Aniruddha Banerji	√	
Dr. Jhimli Dasgupta		Vidyasagar University
Dr. Dipankar Chakraborty		North Bengal University
Dr. Aryadeep Roy chowdhury	√	
Dr. Ronita Nag Chaudhuri	√	
Dr. Priyanka De	√	
Mr. Souvik Roy	√	
Percentage of Total Faculty	80	20

NB: No faculty graduate of universities from other States.

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period:

None.

27. Present details about infrastructural facilities:

Library	Two Cupboards with Books from the Different Disciplines of the Inter-disciplinary Subject Biotechnology which we call 'Departmental Library'.
Internet facilities for staff and students	Two Computers with Internet Facility in the Staff-room.
Total number of class rooms	3
Class rooms with ICT facility	All our class rooms have projector facility but no internet facility
Students' laboratories	3
Research laboratories	1 for all staff members; Dr. Chandana Barat has lab for RNA mediated Protein Folding; Dr. Jhimli Dasgupta has one small room for protein crystallization which also houses a special instrument (FPLC) and Dr. Ronita Nag Chaudhuri has a very small facility for yeast related experiments that are required to be performed in dark. Because of space



	crunch, Dr. Uma Siddhanta's scholar is working in the Central Research Laboratory (a temporary arrangement).
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28. Number of students of the department getting financial assistance from College:

Batch 2007-12 – 2 students

Batch 2010-15 – 1 student

Batch 2011-16 – 2 students

29. Was any need assessment exercise undertaken before the development of new programme(s)? If so, give the methodology:

Revision of the entire syllabus was done in 2012. For this feed-back was taken from teachers, students – present and past, and external members of the department's Board of Studies.

30. Does the department obtain feedback from:

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?	Faculties independently assess their portion of curriculum and if any modification is required they place it in front of the BOS members. Changes are made only if they benefit the students. Changes are reported to the COE Office via the Art/Science Office.
Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?	This is done through the Art/Science Administration. Students' feed-back is supposed to be taken regularly and the compiled feed-backs to be given to the teachers. However, for our department we have not received any feed-back for the last year (Batch 2010-15). The teachers definitely respond positively to the students' feed-back.
Alumni and employers on the programmes and what is the response of the department to the same?	So far we have received no such feed-back.

31. List the distinguished alumni of the department (maximum 10):

Our first batch of students who graduated (M.Sc.) in 2011 are still scientists-in-the making.

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts:



We arrange for a series of Medical Biotechnology Seminars for our Semester IX students where distinguished Medical Professionals deliver motivating lectures to our students. Through this series of lectures our students realize the true sense of translational and reverse translation research.

33. List the teaching methods adopted by the faculty for different programmes:

- Faculties generally teach through power-point presentation. This helps the teachers to keep their lectures updated.
- Wherever necessary they use chalk-board strategy as well.
- They send out lecture pdf to students via their common e-mail account.
- All the teachers encourage the students to follow books.
- Students are encouraged to give seminars on varied but relevant topics.
- Faculties help students to critically read reviews/papers from high-rated scientific journals. They are also assessed through seminars or written components.
- Some of the teachers conduct quizzes to make sure that they are prepared with their lessons.
- Elaborate practical sessions are conducted to make sure that students get motivated to take up a research carrier after acquiring their M.Sc. degree.

34. How does the department ensure that Programme objectives are constantly met and learning outcomes monitored?

This is achieved through constructive discussions among the faculty members in the frequent Departmental Meetings arranged by the Head of the Department. Students' feed-back also helps the departmental faculties in this regard.

35. Highlight the participation of students and faculty in extension activities:

Students

- participate in various activities in the college like social activities, sports and cultural programmes;
- participate in intra and inter college seminar competitions as well as seminars sponsored by industries.

Teachers

- are nominated as paper setters and examiners for various examinations conducted by Calcutta University and other Universities;
- attend various national and international symposia and seminars, participate in oral and poster presentations and invited lectures.

36. Give details of “beyond syllabus scholarly activities” of the department:

- Nearly all the faculty members are involved in research activities.
- Many of them have already published their work in reputed national and international journals.



- Our faculty members and students have attended national and international conferences, given oral or poster presentations.
- From Semester VI onwards many of our students do summer internship with in-house teachers.
- We encourage our students to participate in several academic competitions, where they have fared very well.

37. State whether the Programme/ department is accredited/ graded by other agencies. Give details:

The college as a whole is accredited by NAAC.

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strength	<ul style="list-style-type: none">• Biotechnology is a research-based subject. Nine of the ten faculty members possess the highest degree, Ph.D. Tenth faculty is in near completion of his thesis work.• Many of the faculties even have extensive post-doctoral research experience both in India and abroad. Hence, the teaching standard is very high.• We get brilliant and dedicated students.• Demand for this subject's specialists will never die.
Weakness	<ul style="list-style-type: none">• We can deliver better laboratory protocols with better financial support, since the instruments and chemicals involved in the practical are very expensive.• We need to have more Biotechnology-based Industries in our Eastern Zone.
Opportunities	<ul style="list-style-type: none">• Our students are and will continue contributing to the scientific community and industries.
Challenges	<ul style="list-style-type: none">• The major challenge in our department is space crunch.

39. Future plans of the department:

We, with the kind support of our College Administration, would like to expand our department with respect to space so that we can accommodate more and more of our Semester X students for in-house four-month long project, a curricular requirement that helps them in their future direction. This is becoming very important since most scientific institutions have recently started demanding a huge amount of money for their project work and many students cannot afford it.



Note: Please check Annexure AA for completed research projects.

Annexure AA

Name of Faculty	Granting Agency	Total Sanctioned Grant (Rs.)	No. of Research Scholars
Dr. Chandana Barat	University Grants Commission	Rs. 11,99,800	1 project assistant
	Council for Scientific and Industrial Research	Rs. 23,92,400	1
	Department of Biotechnology, West Bengal	Rs. 25,37,800	1
Dr. Uma Siddhanta	UGC Minor (PSW052/08-09)	Rs. 100000/-	Nil
	UGC Minor (PSW-45/12-13)	Rs. 134000/-	Nil
Dr. Sudipa Saha	University Grants Commission	Rs. 1,21,000/-	Nil
	University Grants Commission	Rs. 1,61,000/-	Nil
Dr. Aniruddha Banerji	University Grants Commission (UGC) Major Research Project	Rs. 13,20,574.00	1
Dr. Jhimli Dasgupta	CSIR, India [37/1381/09/EMR-II]	Rs. 24,00,000.00	1
	DBT (IYBA-2010), India [BT/03/IYBA/2010]	Rs. 41,00,000.00	1
Dr. Ronita Nag Chaudhuri	CSIR [38(1283)/11/EMR-II]	29,00,000/-	1
	SERB-DST [SR/FT/LS-145/2009]	20,73,000/-	1



Evaluative Report of the Department – Chemistry

- Name of the department and its year of establishment:**
Chemistry (Honours course from 1958)
- Names of programmes / courses offered (UG, PG, M.Phil. Integrated Masters; Integrated Ph. D, Etc.):**
UG (B. Sc, Honours)
- Interdisciplinary courses and departments involved:**
Nil
- Annual/semester/ choice based credit system:**
Semester System
- Participation of the department in the courses offered by other departments:**
Nil
- Number of teaching posts sanctioned and filled(professors/ associate professors/ asst.professors)**

	Ugc Sanctioned	College Sanctioned	Filled
Professors	-	-	-
Associate Professors	4	-	yes
Asst. Professors	3	1	yes

- Faculty profile with name, qualification, specialization,(D.Sc/ D.Litt / Ph.D./ M. Phil. etc.)**

Name of the Professors	Qualification	Specialization	Years of Experience	Number of Ph.D students guided for the last 4 years
A.K.Siddhanta (Hod)	M.Sc	Inorganic Chemistry	32	-
R.Ghosh	Ph.D	Physical Chemistry	19	-
A. K. Nag	Ph.D	Physical Chemistry	26	-
S.Ganguly	Ph.D	Inorganic Chemistry	16	1
A.Ray	Ph.D	Organic Chemistry	10	-
I. Chakraborty	Ph.D	Physical Chemistry	8	-



R.Sharma	Ph.D	Physical Chemistry	8	-
D.Das	M.Sc	Organic Chemistry	7	-

8. **Percentage of classes taken by temporary faculty – Programme-wise information:**
No guest or temporary faculty.
9. **Programme wise student teacher ratio:**
1:15
10. **Number of academic support staff (technical) and administrative staff: sanctioned and filled:**
Lab staff: Government Post- 2, College Post-3
11. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) total grants received. mention names of funding agencies and grants received project wise:**
Dr.S. Ganguly : UGC Major Project – 4.48 lakh
12. **Departmental projects funded by dst-fist; dbt; icssr,etc**
Total grants received: DBT star college:7 lakh
13. **Research facility/centre with:**
Central Research Facility(under DST-FIST) of national recognition(not specifically for the chemistry department)
14. **Publications:**
 - * Number of papers published in peer reviewed journals (national / international)
 - * Monographs
 - * Chapter(s) in books
 - * Editing books
 - * Books with isbn numbers with details of publishers
 - * Number listed in international database (for e.g. web of science, scopus, humanities international complete, dare database - international social sciences directory, ebsco host, etc.)
 - * Citation index – range / average
 - * SNIP
 - * SJR
 - * Impact factor – range / average
 - * h-index



Ashis Siddhanta Head of the Department (Books)

Publications: 2014-2015

1. Physical Text Book (Bengali Version) Approved by the West Bengal Board of Secondary Education. Approval Number: Wbbse-Newsyll/Psc.E(B)/IX/2015/T10(29) Dt.25.11.14

Publications: 2015-2016

2. Physical Science Text Book(Bengali Version) Approved By West Bengal Board Of Secondary Education, X: Approval Number: Wbbse- Newsyll/Psc E(B)/X/2016/T Dt 04.11.2015
3. Physical Science Text Book (English Version): Class IX,2016(In Press)
4. Physical Science Text Book (English Version): Class X, 2016(In Press)

Rahul Sharma

Publications: 2010-2011

1. A Classical Trajectory driven of Benzene Radical Cation, Int. J. of Qu. Chemistry, Vol-111 PP 2741-2759 2011.
2. A Density Genetic Algorithm Hamiltonian based study, Material and Manufacturing process Vol. 26 PP 354-362 2011.
3. Solving Symmetric Serial Vs. Parallel Implementation, Applied Soft Computing, PP 3746-3961 2011.
4. Blending Determinism Molecular Electronic structure of Polythiophene, J. Chem. Theory and Computation Vol. 6 PP 718-726 2011.

Publications: 2011-2012

5. Title: A Constrained Variational Approach to the Designing of Low Transport Band Gap Materials: A Multiobjective Random Mutation Hill Climbing Method International Journal of Quantum Chemistry,(Early View, DOI: 10.1002/qua.23119).
6. A Density-Genetic Algorithm method for computing electronic structures of doped and undoped Polythiophene Oligomers: A modified Su-Schrieffer-Heeger Hamiltonian based study Materials and Manufacturing Processes,Volume: 26, Issue: 3, Pages: 354-362, Published: 2011.
7. Solving Symmetric Eigenvalue Problem Via Genetic Algorithms: Serial Versus Parallel Implementation Applied Soft Computing, Volume: 11, Issue: 5, Pages: 3946-3961, Published: July 2011.
8. A Classical Trajectory Driven Nuclear Dynamics By A Parallelized Quantum Classical Approach To A Realistic Model Hamiltonian Of Benzene Radical Cation International Journal of Quantum Chemistry,Volume: 111, Issue: 12, Pages: 2741–2759, Published: October 2011.

Publications: 2013-2014

9. Coupled 3D Time-Dependent Wave-Packet Approach in Hyperspherical co-ordinates: Application to the Adiabatic Singlet-State(11A')D++ Reaction, The Journal of Physical Chemistry A, 2014



10. A generalized recipe to construct elementary or multi-step reaction paths via a stochastic formulation: Application to the conformational change in noble gas clusters, Chemical Physics Vol-431, Pages-5-14, 2014

11. A new adaptive mutation simulated annealing algorithm: application to the study of pure and mixed Pt-Pd clusters, Journal of Mathematical Chemistry, Vol-52(1), Pages-368-397, 2014

Publications: 2014-2015

12. Coupled 3d Time-Dependent Wave Packet Approach In Hyperspherical Coordinates. Application To The Adiabatic Singlet State (11a') D++H₂ Reaction. T Sahoo, S Ghosh, S Adhikari, R Sharma, Ajc Varandas. The Journal Of Physical Chemistry A 118(26), 4837-4850. (I.F. : 2.693)

13. A Generalized Recipe To Construct Elementary Or Multi Step Reaction Paths Via A Stochastic Formulation: Application To The Conformational Change In Noble Gas Clusters. S Talukder, S Sen, R Sharma, Sk Banik, P Chaudhury. Chemical Physics 431, 5-1. (I.F. :2.952)

14. A New Adaptive Mutation Simulated Annealing Algorithm: Application To The Study Of Pure And Mixed Pt- Pd Clusters. Sk Biring, R Sharma, P Chaudhury. Journal Of Mathematical Chemistry 52(1),368-397(I.F. : 1.82)

Publications: 2015-2016

15. Low Temperature D++H₂ Reaction: A Time – Dependant Coupled Wave- Packet Study In Hyperspherical Coordinates T Sahoo, S Ghosh, S Adhikari, R Sharma, Ajc Varandas, The Journal Of Chemical Physics 142(2), 02304, 2015. (I.F. : 2.952)

16. Title: Low Temperature D++H₂ Reaction: A Time – Dependant Coupled Wave- Packet Study In Hyperspherical Coordinates T Sahoo, S Ghosh, S Adhikari, R Sharma, Ajc Varandas, The Journal Of Chemical Physics 142(2), 02304, 2015. (I.F. : 2.952)

17. Title: Coupled 3d Time Dependant Wave Packet Approach In Hyperspherical Coordinates: The D++H₂ Reaction On The Triple Sheeted Dmbe Potential Energy Surface Authors: S Ghosh, T Sahoo, S Adhikari, R Sharma, Ajc Varandas. Source: The Journal Of Physical Chemistry A, Article Asap (I.F.: 2.69)

18. Title: Enhancing The Branching Ratios In The Dissociation Channels For O₁₆O₁₆O₁₈ Molecule By Designing Optimum Laser Pulses: A Study Using Stochastic Optimization Authors: S Talukder, S Sen, Bk Shandilya, R Sharma, P Chaudhury, S Adhikari Source: The Journal Of Chemical Physics, Volume:143(14), Page: 144109 (I.F.: 2.95)

Sanjib Ganguly

Publications: 2010-11

1. Trinuclear Ru(III)-Mn(II)-Ru(III) complexes in cooperating azo-oxime function, J. Ind. Chem. Soc. Vol.87 PP 1299-1304, 2010.

Publications: 2011-12

2. Oximate Bridged Hetero-binuclear Ru(III)MI Complexes (M= Cu, Ag) J. Ind. Chem. Soc., 2012, 89, 000 (accepted for publication).



Publications: 2013-14

3. Molecular and Electronic structure of nonradical homoleptic pyridyl-azo-oxime complexes of cobalt(III) and the azo-oxime anion radical congener: an experimental and theoretical investigation, Dalton Trans, 2014, 43, 5317-5334 (Impact Factor: 3.806).

Publications: 2014-2015

4. Title: Molecular And Electronic Structure Of Non-Radical Homoleptic Pyridyl Azo Oxime Complexes Of Cobalt (Iii) And The Azo Oxime Anion Congener: An Experimental And Theoretical Investigation. Authors: Shuvam Pramanik, Sima Roy, Tapas Ghorui, Sanjib Ganguly, and Kausikisankar Pramanik. Journal : Dalton Trans., 2014,43,5317-5334(I.F.: 4.197).

Publications: 2015-2016

5. Title: Iridium(Iii) Mediated Reductive Transformation Of Closed- Shell Azo-Oxime To Open Shell Azo-Imine Radical Anion: Molecular And Electronic Structure, Electron Transfer And Optoelectronic Properties. Authors: Shuvam Pramanik, Sima Roy, Tapas Ghorui, Sanjib Ganguly, Kausikisankar Pramanik Journal: Inorg Chem, 2015(In Press) (I.F.: 3.8)

Indranil Chakraborty

Publications: 2013-14

1. D-Glucose Derived Novel gemini Surfactants: Synthesis and study of their surface properties, Interaction with DNA and Cytotoxicity, Carbohydrate Research 2014

Publications: 2014-2015

2. Title: D-Glucose Derived Novel Gemini Surfactants: Synthesis And Study Of Their Surface Properties, Interaction With DNA And Cytotoxicity. Authors: Vikas Kumar, Amrita Chatterjee, Nupur Kumar, Anasuya Ganguly, Indranil Chakraborty, Mainak Banerjee Journal: Carbohydrate Research 2014,397(9),37-45, (I.F. : 1.9)

Dipankar Das

Publications: 2013-2014

1. A novel copper(II) complex as a nitric oxide turn on fluorosensor: intracellular applications and DFT calculation, Dalton Trans, 2014, 43, 2566-2576 (Impact Factor 3.806)

Publications: 2014-2015

2. Title: A Novel Copper(I) Complex As A Nitric Oxide Turn On Fluorosensor: Intracellular Applications And Dft Calculation. Authors: Rabiul Alam, Tarun Mistri, Pallab Mondal, Dipankar Das, Sushil Kumar Mondol, Anisur Rahman Khuda-Bukhsh And Mohammad Ali. Journal: Dalton Trans., 2014,43,2566-2576 (I.F.: 4.197)

Ankur Ray

Publications: 2010-11

1. Synthesis of Chiral Macrocyclic Sugar – Peptide hybrids by ring closing metathesis approach, Tet.lett., Vol-52 PP 3038-3040 2011.



2. Ferrocene cored dendrimers incorporating anthracene capped furanosid branches:
Synthesis and Photophysical Studies Tet.lett., Vol-52 PP **2980-2983** 2011.

Tapas Kr. Raychaudhuri

Publications: 2013-14

1. Synthesis, characterization, crystal structure and density functional theory (DFT) calculations of dioxomolybdenum(VI) complexes of an ONS donor ligand derived from benzoylacetone and S-benzoylacetone and S-benzyl dithiocarbamate, POLYHEDRON, 509 (2013) 602-611
2. Dimer Formation by symbiotic donor-acceptor interaction between two molecules of a specially dioxomolybdenum(VI) complex containing both donor and acceptor centres- A structural, spectroscopic and DFT study POLYHEDRON, 55 (2013) 192-200

15. Details of patents and income generated :

Nil

16. Areas of consultancy and income generated :

Nil

17. Faculty recharging strategies:

- Refresher courses: for example, Dr. Ankur Ray at Jadavpur University: 2nd January To 22nd January, 2015
- Orientation course: for example, Mr. Dipankar Das at Jadavpur University: 11th February To 11th March, 2013
- Classroom lectures: for example, Dr. Michele Zema, coordinator, international year of crystallography 2014. UK, England
- Academic interactions: for example, a. Dr. Michele Zema, project manager IUC, UK, Chester England he was accompanied by one of our ex student, Dr. Saumyajit Roy, Associate Professor, IISER, Kolkata.
- Symposium: for example: a. Dr. S Ganguly- poster presentation at international symposium on “modern trends in inorganic chemistry”: dt: 09.10.15 to 05.12.15
- Dr. S Ganguly- poster presentation at national symposium organized by microbiology department(St. Xavier's College, Kolkata): dt: 09.10.15 to 10.10.15
- Intra departmental workshops to improve skills in: a. computational chemistry b. bio-chemistry experiments and 3. instrumental(eg. uv- vis spectrophotometer, fluorimeter etc) analysis.

18. Student projects:



- **Percentage of students who have done in house projects including inter-departmental:**
 - Three students viz, Soumuyadeep Modok(Ism,Dhanbad), Saikat Mondol(Ism,Dhanbad) and Rishav Anand (Amity University , Delhi) worked under the supervision of Dr. Sanjib Ganguly in order to complete their msc , final year research project.
 - Dr.Sanjib Ganguly along with his ph.d scholar Shuvam Pramanik and some of the UG students of the department of chemistry have been involved in collaborative research with Dr. Arup Kumar Mitra and his scholar Suhana Dutta of Microbiology Department of the college. a portion of the findings have been presented in the form of a poster in the national seminar organized by the microbiology department on 09.10.15 and 10.10.15.
- **Percentage of students doing projects in collaboration with industries or institutes:**
Nil

19. Awards/recognitions received at the national and international level by :

Dr. Rahul Sharma; post- doctoral fellow at the University of Coimbra, Portugal February to October, 2013.

20. Seminars/conferences/workshops organized and the source of funding (national/international) with details of outstanding participants, if any:

- » National level seminars: popularizing chemistry- Sem I and II held in the sessions 2013-2014 and 2014-2015.
- » Eminent speakers gave lectures in these seminars(fund through advertisements)
- » Forthcoming: a DBT sponsored national seminar to be held on the month of feb, 2016.(22.02.16 \$ 23.02.16)
- » Departmental science magazine “ Elexier” is published regularly: contain scholarly articles by scientists, professors and students

21. Student profile course wise:

Name of the course(Refer Question Number 2)	application received	selected (male/female)		pass percentage (male/female)	
B. Sc (Chemistry)	2404	20	24	89	100

22. Diversity of students:

Name of the course(refer to question 2)	% of students from the college	% of students from the state	% of students from other states	% of students from other countries
B. Sc (Chemistry)	-	99	1	-



23. How many students have cleared civil services, defense services, net, slet, gate and any other competitive examinations?

Nil

24. Student Progression:

Student Progression	Percentage Against Enrolled
UG TO PG	70%
PG TO M. PHIL	25%
PG TO PH.D	35%
PH.D TO Post-Doctoral	3%
Employed	
1. Campus Selection	NIL
2. Other Than Campus recruitment	NIL
Entrepreneurs	5%

25. Diversity of Staff

percentage of faculty who are graduates	
of the same parent university	87.5%
from other universities within the states	12.5%
from other universities from other states	0%

26. Number of faculty who were awarded Ph.D, D.Sc, and D.Litt during the assesment period:

Nil

27. Present details about infrastructural facilities

- * Library: central facility; no departmental library for students
- * Internet facilities for staff and students: available
- * Total number of class rooms: central decision(varies year to year)
- * Class rooms with ict facility: central facility available(not specifically for the department)
- * Students laboratories: available
- * Research laboratories: central facility available(not specifically for the departments)

28. Number of students of the department getting financial assistance:

33 students

29. Was any need assessment exercise undertaken before the development of new programme(s)? if so, give the methodology:

Mentorship programmes:

Member for 1st year: Prof Ashis Siddhanta (Hod)



Member for 2st year: Dr. Rina Ghosh

Member for 3st year: Dr. Sanjib Ganguly

Started officially from 2015- already some reports have been prepared and submitted to the Vice-Principal (Arts and Science). a number of students have been recommended for career counselling, we hope to identify the "not so bright" and "very bright" students through this exercise in future.

30. Does the department obtain feedback form

- » Faculty on curriculum as well as teaching- learning – evaluation? if yes, how does the department utilize it? curriculum prepared by the department with regular inputs/ratification by the bos, chemistry and academic council of the college
- » Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same? teachers are annually assessed by a centrally controlled assessment system (questionnaire to sem 6 students passing out)
- » Alumni and employers on the Programmers and what is the response of the department to the same? Nil

31. List the distinguished alumni of the department (max 10):

- » Prof. Samir Brahmachari
- » Dr. Arogya Varam Saha
- » Dr. Anandadev Mukherjee
- » Dr. Samit Adhya etc.

32. Give details of student enriched programmes (special lectures/ workshops/ seminar) with external experts.

A special guest at the Department of Chemistry, 2015 Dr. Michele Zema, Coordinator, 'International Year of Crystallography, 2014' and project manager, 'international union of crystallography', United Kingdom, Chester, England, visited our department on Monday, 29th Sept, 2015. he was accompanied by one of our ex student, Dr. Saumyajit Roy, Associate Professor, Iiser, Kolkata. Dr. Zema, in an informal meet, was particularly impressed by the wide range of questions asked by our students as regards a career in crystallography. Over a cup of tea, he expressed his satisfaction at the level of publication and research that is presently carried out by our faculty members. he was happy to note the activity and concern of our faculty members in providing students with a near-pollution-free chemistry laboratory.

33. List the teaching methods adopted by the faculty for different programmes:

"Chalk and talk"/ smart classroom virtual demonstrations/etc. (first department in the college to use "lab-quest")



34. How does the department ensure that Programme objectives are constantly met and learning outcomes monitored?

Through mid sem tests of students knowledge

35. Highlight the participation of students and faculty in extension activities:

Prof. A Siddhanta (Hod) is actively involved in theatre. He has written and directed numerous plays for the students of St. Xaviers College. For nearly 30 years he is involved in directing numerous plays for competitions all over India- the students have always come up with flying colors, mostly first prizes. He has evolved a new concept in theatre: "college theatre", for which a documentary film was made way back in 1990's to celebrate 150 years of theatre in St. Xavier's, to celebrate the opening of Bengali (Honours) in the college, he has written and directed a number of exhibition plays which have been greatly appreciated by the theatre fans of Kolkata. Even with armatures, he has always brought in the real professional touch.

36. Give details of "beyond syllabus scholarly activities" of the department:

Prof. A Siddhanta is just not a prolific playwright and director, he is probably the first science sencer from St. Xavier's College, Kolkata. to publish textbooks in Bengali for classes IX and X level- his books are approved by the wbbse and read by lakhs of students every year.

37. State whether the Programme/department is accredited/graded by other agencies. give details:

Nil

38. Detail any five Strengths, Weakness, Opportunities and Challenges(SWOC) of the department:

S: 1. Quality Teaching. 2. Excellent Laboratory Infrastructure 3. Perfect coordination between: teacher-teacher, lab staff- lab staff, teacher - lab staff, teacher – students, lab-staff- students. 4. Excellent student- teacher relationship

W: Lack of professors specialized to teach biochemistry and analytical chemistry

O: Organize research and student projects in large numbers

C: Opening of post graduate course and continued research facilities for all professors.

39. Future plans of the department:

To open post-graduate course and regular research activities for all professors.



Evaluative Report of the Department – Computer Science

1. **Name of the Department and its year of establishment:**
Computer Science, 1998
2. **Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)UG and PG:**
 - a. B.Sc. Computer Science Honours
 - b. M.Sc. Computer Science
3. **Interdisciplinary courses and departments involved**
 - a. B.SC COMPUTER SCIENCE as an ancillary paper.
4. **Annual/ semester/choice based credit system:**
Semester system
5. **Participation of the department in the courses offered by other departments:**Departments of a) Journalism and b) Biotechnology
6. **Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)**

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	2	2
Asst. Professors	8	8

7. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. Etc.)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Prof. Shalabh Agarwal	M.Sc. (CS), MBA, PGCCCL	Associate Professor	Green Computing, Software Engineering	23	NIL
Dr. Asoke Nath	M.Sc., PhD, MCA	Associate Professor	Data Security, Green Computing	26	NIL



Prof. Sankar Das	M. Tech (CSE)	Assistant Professor	Image Processing	20	NIL
Prof. Anal Acharya	M. E (IT)	Assistant Professor	Data Mining, Machine Learning	18	NIL
Prof. Romit Beed	M. Tech (CSE)	Assistant Professor	DBMS, S/w Engineering	11	NIL
Prof. Sonali Sen	M. Tech (CSE)	Assistant Professor	Signal Processing Embedded Systems	11	NIL
Prof. Jayati Ghosh Dastidar	M. E (IT)	Assistant Professor	Image Processing, Compiler Design	11	NIL
Prof. Siladitya Mukherjee	M. Tech (Multimedia)	Assistant Professor	Natural Algorithms, E-commerce	11	NIL
Prof. Debabrata Datta	M. Tech (CSE), MIETE	Assistant Professor	Data Warehousing	11	NIL
Mr. Kaushik Goswami	B Level	Teaching Assistant	Web Technology, Oracle, OS, UNIX E-Commerce, OOPS	6	NIL

8. Percentage of classes taken by temporary faculty – programme-wise information:

Two classes / week is taken by Dr. P. K. Chakraborty in 4th Semester of PG course

9. Programme-wise Student Teacher Ratio

UG – 15: 1

PG – 10: 1

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled:

- Laboratory / Technical Assistants: 5 (Management posts)
- Office Assistants: 1 (Management post)
- Support Staff: 5 (Management posts)



11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

Sl. No.	Faculty Name	Name of Project	Funding Agency	Total Grants received
1	Dr. Asoke Nath	Cryptography and Network Security	UGC	Rs. 1.34 lacs
2	Prof. Shalabh Agarwal	A Practical Approach Towards the Realization of Green ICT and Sustainability in Higher Education Institutes	UGC	Rs. 2.05 lacs
3	Prof. Jayati Ghosh Dastidar	Automated CCTV Surveillance	UGC	Rs. 3.04 lacs
4	Prof. Sonali Sen	Automated Fault Detection	UGC	Rs. 4.22 lacs

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received: NIL

13. Research facility / centre with :

- o state recognition
- o national recognition
- o international recognition

Nil

14. Publications:

Name of Faculty	Publication Details
Dr. Asoke Nath	<p>1. Symmetric Key Cryptography using Random Key generator: Asoke Nath, Saima Ghosh, Meheboob Alam Mallik: “Proceedings of International conference on security and management(SAM’10” held at Las Vegas, USA Jull 12-15, 2010), Vol-2, Page: 239-244(2010).</p> <p>2. Data Hiding and Retrieval: Asoke Nath, Sankar Das, Amlan Chakraborti, published in IEEE “Proceedings of International Conference on Computational Intelligence and Communication Networks (CICN 2010)” held from 26-28 NOV’2010 at Bhupal, Page: 392-397(2010).</p> <p>3. Advanced steganographic approach for hiding encrypted secret message in LSB, LSB+1, LSB+2 and LSB+3 bits in non standard cover files: Joyshree Nath, Sankar Das, Shalabh Agarwal and Asoke Nath, International Journal of Computer Applications, Vol14-</p>



	<p>No.7,Page-31-35, Feb(2011).</p> <ol style="list-style-type: none">4. Advanced Symmetric key Cryptography using extended MSA method: DJSSA symmetric key algorithm: Dripto Chatterjee, Joyshree Nath, Soumitra Mondal, Suvadeep Dasgupta and Asoke Nath, Jounal of Computing,Vol 3, issue-2, Page 66-71,Feb(2011).5. Advanced Steganography Algorithm using encrypted secret message: Joyshree Nath and Asoke Nath, International Journal of Advanced Computer Science and Applications, Vol-2, No-3, Page-19-24, March (2011).6. Some Challenges in Designing and Implementing Learning material for Ubiquitous e-learning Environment: Shalabh Agarwal and Asoke, Journal of Global Research in Computer Science, Vol-2, No2, Page-29-32, Feb (2011).7. A Challenge in hiding encrypted message in LSB and LSB+1 bit ositions in any cover files : executable files, Microsoft office files and database files, image files, audio files and video files : Joyshree Nath, Sankar Das, Shalabh Agarwal and Asoke Nath : JGRCS, Vol-2,No.4,Page:180-185,April (2011).8. A new Symmetric key Cryptography Algorithm using extended MSA method:DJSA symmetric key algorithm, Dripto Chatterjee, Joyshree Nath, Suvadeep Dasgupta and Asoke Nath: Proceedings of IEEE International Conference on Communication Systems and Network Technologies, held at SMVDU(Jammu) 03-06 June,2011, Page-89-94(2011).9. New Symmetric key Cryptographic algorithm using combined bit manipulation and MSA encryption algorithm: NJJSAA symmetric key algorithm:Neeraj Khanna, Joel James,Joyshree Nath, Sayantan Chakraborty, Amlan Chakrabarti and Asoke Nath: Proceedings of IEEE CSNT-2011 held at SMVDU(Jammu) 03-06 June 2011, Page 125-130(2011).10. New Data Hiding Algorithm in MATLAB using Encrypted secret message :Agniswar Dutta, Abhirup Kumar Sen, Sankar Das,Shalabh Agarwal and Asoke Nath : Proceedings of IEEE CSNT-2011 held at SMVDU(Jammu) 03-06 June 2011, Page 262-267(2011).11. Application of Radio Frequency Controlled Intelligent Military Robot in Defense Saradindu Naskar, Soumik Das, Abhik Kumar Seth and Asoke Nath : Proceedings of CSNT-2011 held at SMVDU(Jammu) 03-06 June 2011, Page 396-401(2011).12. Social Media :The new Corporate Playground, Shalabh Agarwal, Akash Mondal and Asoke Nath : International Journal of Research and Reviews in Computer Science(IJRRCS), Vol 2, No.3,
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June,Page-696-700 (2011).

13. “Green Computing - a new Horizon of Energy Efficiency and Electronic waste minimization”: a Global Perspective, Shalabh Agarwal and Asoke Nath : **Proceedings of IEEE CSNT-2011 held at SMVDU(Jammu) 03-06 June 2011, Page 688-693(2011).**
14. An efficient data hiding method using encrypted secret message obtained by MSA algorithm: Joyshree Nath, Meheboob Alam Mallik , Saima Ghosh and Asoke Nath : **Proceedings of the International conference Worldcomp 2011 held at Las Vegas(USA), 18-21 Jul(2011), Page 312-318, Vol-1(2011).**
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<p>Prof. Anal Acharya</p>	<p>A. Book Chapters</p> <p>1. Anal Acharya, Devadatta Sinha: <i>A Web based Collaborative Learning System using Concept Maps: Architecture and Evaluation.</i> Handbook of Research on Natural Computing for Optimization Problems, IGI Publishers (Indexed by Thomson Reuters).</p> <p>B. Papers in International Journals</p> <p>1. Anal Acharya, Devadatta Sinha: <i>Smart Concept Map Generation for Learning Using Class of Hash Functions</i>, Smart Computing Review, Volume 5, Issue. 4, pp 329-339, August 2015.(Indexed by CrossRef, DBLP, DBPIA, Google Scholar, EBSCO)</p> <p>2. Anal Acharya, Devadatta Sinha: <i>A Multi-Dimensional Assessment Model to Evaluate Web Based Learning Systems</i>, Informatica Economica, Volume 19, Issue 3, pp 32-45, September 2015.(Indexed by Google Scholar, EBSCO)</p> <p>3. Anal Acharya, Devadatta Sinha, Anurag Sarkar, Dibyabivya Seth, Kaustav Basu: <i>A ‘Mixed’ Approach to Smart Group Formation in Collaborative Learning.</i> Smart Computing Review, Volume 5, Issue. 5, pp 483-497, October 2015.(Indexed by CrossRef, DBLP,</p>



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4. Anal Acharya, Devadatta Sinha: *A Study on the Use of Concept Maps in Web Based Learning*, International Journal of Computer Science and Information Technologies, Volume 6, Issue 5, pp. 4191-4200. **(Indexed by SciVerse SCOPUS, Google Scholar)**
5. Anal Acharya, Devadatta Sinha : *Early Prediction of Students Performance using Machine Learning Techniques*, International Journal of Computer Applications, Volume 107, Issue 1, pp 37-43, December 2014. **(Indexed by Google Scholar, EBSCO)**
6. Anal Acharya, Devadatta Sinha: *Application of Feature Selection Methods in Educational Data Mining*, International Journal of Computer Applications, Volume 103, Issue 2, pp 34-38, October 2014. **(Indexed by Google Scholar, EBSCO)**
7. Anal Acharya, Devadatta Sinha: *Assessing the Quality of M-Learning Systems using ISO/IEC 25010*, International Journal of Advanced Computer Research, Volume-3, Number-3, Issue-12, pp 67-75, September 2013. **(Indexed by Google Scholar, EBSCO)**
8. Anal Acharya, Soumen Mukherjee: *Designing A Re-Configurable Fractional Fourier Transform Architecture Using Systolic Array*, International Journal of Computer Science Issues, Vol. 7, Issue 6, pp 159-163, November, 2010.

C. Papers presented in International Conferences

1. Anal Acharya, Devadatta Sinha: *A Concept Map Approach to Supporting Diagnostic and Remedial Learning Activities*, Advanced Computing, Networking and Informatics (ICACNI 2014), St. Thomas College of Engineering and Technology, Volume 1, pp. 565-575, 25-27 June, 2014, Springer International Publishing (2014). **(Indexed by SCOPUS, Springerlink)**
2. Anal Acharya, Devadatta Sinha : *Construction of Automated Concept Map of Learning using Hashing Technique*, Frontiers in Intelligent Computing: Theory and Applications (FICTA 2014) , Volume 1, pp. 567- 578, 14-15 November 2014, Springer International Publishing (2015). **(Indexed by SCOPUS, Google Scholar, DBLP, Springerlink)**
3. Anal Acharya, Devadatta Sinha : *A Weighted Concept Map Approach to Generate Learning Guidance in Science Courses*, Information Systems Design and Intelligent Applications (INDIA 2015) , Kalyani University, Volume 2, pp. 143-152, 8-9 January, 2015, Springer International Publishing (2015). **(Indexed by SCOPUS, Google Scholar, DBLP, Springerlink).**
4. Anal Acharya, Devadatta Sinha : *A Hierarchical Framework to evaluate the Learning Characteristics of M-Learning*, First



	<p>International Science and Technology Congress 2014 (IEMCONGRESS 2014), Institute Of Engineering and Management (IEM) , pp. 58-66 , August 28-29, 2014, Elsevier Science and Technology Procedia.</p> <p>5. Anal Acharya, Devadatta Sinha: <i>Dimension reduction in distributed data mining using Wavelet Transforms</i>, Second International Conference on Computing and Systems (ICCS 2013), Burdwan University, pp. 214-217, September 21-22, 2013, McGraw Hill Education.</p> <p>6. Anal Acharya, Devadatta Sinha: <i>Towards Reduction of Data Flow in a Distributed Network using Principal Component Analysis</i>, Advancement of Computing in Engineering Research (ACER 2013), March 22-23, 2013.</p> <p>7. Soumen Mukherjee, Anal Acharya, <i>An Efficient Reconfigurable Architecture for Fractional Fourier Transforms</i>, International Conference in Signals, Systems and Automation (ICSSA-09) , CGET, Anand, 28-29 December, 2009, pp. 85-88, Universal Publishers.</p> <p>8. Soumen Mukherjee, Debabrata Datta, Anal Acharya, Patenting Software: An Ethical Issue, International Conference on Business Ethics and Corporate Social Responsibilities (ICBECSR'09), KLMR, Belgaum, 3-5 December 2009, pp. 276-280, Macmillan Publishers.</p> <p>9. Anal Acharya, Soumen Mukherjee, <i>Modeling Value Chain Analysis of Distance Education using UML</i>, International Conference on Modeling, Optimization and Computing (ICMOC 2010), NIT Durgapur, October 28-30, 2010, American Institute Of Physics (AIP), AIP Conf. Proc. 1298, 658 (2010).</p> <p>C. Papers in Aviskar : A Xaverian Journal of Research</p> <p>1. Soumalik Roy, Kaushik Mitra, Prity Gupta, Anal Acharya : <i>An Obstacle Avoidance Algorithm using Fuzzy Neural Network</i>, Volume VI, January, 2014.</p> <p>2. Soumalik Roy, Kaushik Mitra, Prity Gupta, Anal Acharya : <i>An Obstacle Avoidance Algorithm using Fuzzy Neural Network</i>, Volume VI, January, 2014.</p> <p>3. Sumona Sil, Madhurima Bose, Sayanti Chakraborty, Anal Acharya: <i>A New Approach to e-mail Cleaning</i>, Volume V, January, 2013.</p> <p>D. Papers presented in National Conferences</p> <p>1. Anal Acharya, Debabrata Datta, Soumen Mukherjee: <i>A Study on Use of ICT in Indian Education</i>” ICT in Higher Education-Opportunities and Challenges in the 21st Century, St.Xavier's College, Kolkata (Autonomous), 28th March, 2012 pp. 18-23.</p>
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	<p>2. Anal Acharya Soumen Mukherjee: <i>Designing Fractional Fourier Transforms using Systolic Arrays</i>, National Conference on Emerging Trends in Computer Science and Information Technology (ETCSIC) -2010, K K Wagh Institute of Engineering Education and Research, Nasik, 29-30th January 2010, pp. 163-166.</p> <p>3. Soumen Mukherjee, Anal Acharya and Moumita Ghosal, <i>An Object Based Design and Implementation of Data Cleaning</i> , National Seminar on Data Mining and Decision Support, Vidyasagar University, 4-5 th March 2010, pp. 32-37.</p>
Prof. Romit Beed	<p>1. SIGNATURE AUTHENTICATION By Romit Beed, et al. - Aviskaar: A Xaverian Journal of Research – ISSN (Print): 2277-8411 ISSN (Online): 2278-1048.</p> <p>2. Alternative Keyboard Based on Infrared Technology - Romit S Beed, et al. – Undergraduate Academic Research Journal (UARJ), ISSN: 2278 – 1129, Volume-1, Issue-1, 2012.</p> <p>3. Colour Spiral Encoding Technique- Romit S Beed, et al. - National Conference on RESEARCH AND HIGHER EDUCATION IN COMPUTER SCIENCE AND INFORMATIONTECHNOLOGY, RHECSIT – 2012 (Sponsored by U.G.C.) on February 21 and 22, 2012 INCOLABORATION WITH Department of Computer Science and Engineering, University of Calcutta.</p> <p>4. Content Based Image Retrieval System – Romit S Beed, et al. - Aviskaar: A Xaverian Journal of Research – Vol III – 2011.</p> <p>5. A Study on the Feasibility of E-Learning in the Field of Higher Education, Jayati Ghosh Dastidar, Sonali Sen, Romit S Beed, Ananya Chatterjee, UGC sponsored seminar on ICT in Higher Education- Opportunities and Challenges in the 21st Century held on 28th March,2012 at St.Xavier's College, Kolkata (Autonomous), ISBN: 978-81-924140- 0-3</p> <p>6. An Efficient Automated English to Bengali Script Conversion Mechanism - Enakshi Mukhopadhyay, Priyanka Mazumder, Saberi Goswami, Romit S Beed - International Journal of Advanced Computer Research (ISSN (print): 2249-7277 ISSN (online): 2277-7970) - Volume-4 Number-2 Issue-15 June-2014.</p> <p>7. "GSM based Multi Purpose Alert System", Romit S Beed et al, 1st International Science Congress 2014, 28-31st August 2014, Elsevier, ISBN 978-93-5107-248-5.</p> <p>8. Solar-Powered GSM Based Multipurpose Alert System, Rana Biswas et al, American Journal of Advanced Computing, Vol. I (2), 36-44, and AJECT I Sep – Oct, 2014, ISSN: 2368-1209.</p> <p>9. Drishti – Automated Machine Interface, Biswarup Nandi, Souvik Sur, Upasana Roy Chowdhury, Romit Beed, International Journal of</p>



	<p>Computer Architecture and Mobility (ISSN 2319-9229) Volume 3 -Issue 4, June 2015.</p> <p>10. Traffic Rule Violation Information System TRuVIS - Rana Biswas, Romit S. Beed, Dibyabiva Seth, Proyag Pal, Kaustav Basu, Triparna Mukherjee, International Journal of Advanced Research in Computer Science and Software Engineering, Volume 5, Issue 7, July 2015 ISSN: 2277 128X</p>
Prof. Sonali Sen	<p>1. Sonali Sen : “Extraction ,Identification and Regeneration of SourceAudio Signal using HHT and SVM”, 2015 International Conference on Computational Intelligence and Communication Networks 978-1-5090-0076-0/15 \$31.00 © 2015 IEEE DOI 10.1109/CICN.2015.74</p> <p>2. S. Sen and A. Bhaumik: “Design of Intelligent Control System Using Acoustic Parameters for Grinding Mill Operation”–National Conference on Advancement of Computing inEngineering Research on 22-23March, 2013.</p> <p>3. S. Sen, J. Sil, A.K. Bhaumik – “Designing of Intelligent Control System for Grinding Mill by Analyzing Time Domain Features” , National Conference on RecentAdvances on Mathematics,Engineering and Management[RAMEM-2014]IIPC (AICTE sponsored) initiativeMarch 22nd and 23rd, 2014</p> <p>4. A. Bal, N. Paul, S. Chakraborty, S. Sen – “ Voice Matching Using Genetic Algorithm” International Journal of Advanced Computer Research; Volume- 4 , Number- 1 , Issue- 14 , March-2014, ISSN: (Print):2249-7277</p> <p>5.Sonali Sen : VLSI Routing in Multiple Layers using Grid based Routing AlgorithmsDigital Library URI : http://www.ijcaonline.org/archives/volume93/number16/16303-6210 ISBN: 973-93-80881-66-7International Journal of Computer Applications© 2014 by IJCA JournalVolume 93 - Number 16 DOL :10.5120/16303-6210</p> <p>6. Sonali Sen, Shamik Chakrabarty, Raghav Toshniwal, Ankita Bhaumik:“Design of an Intelligent Voice Controlled Home Automation System “, International Journal of Computer Applications (0975 – 8887) Volume 121 – No.15, July 2015</p> <p>7. S.Sen, J.Ghosh Dastidar, R.Beed, A. Chaterjee : “A study on the feasibility of E-learning in the field of Higher Education”, UGC sponsored seminar on ICT in Higher Education opportunities and challenges in the 21st century held on 28th March, 2102 at St. Xavier's College, ISBN – 978-81-924140-0-0</p> <p>8. A. Bal, S. Sen : “Automatic Fault Identification for a Mechanical System Using Genetic Algorithm”, International Journal of Computer</p>



	Applications; Vol- 104; No – 9;October,2014ISBN- 973-93-80883-32-7
Prof. Jayati Ghosh Dastidar	<p>Conference Publications -</p> <ol style="list-style-type: none"> 1. "Handwriting Recognition", Jayati Ghosh Dastidar, et al., AICTE sponsored National Seminar on Paradigm Shift in Education Technology and Content Management, E-TCM 2012, ISBN No. 978-81-923034 2. "A Study on the Feasibility of E-Learning in the Field of Higher Education", Jayati Ghosh Dastidar, et al., UGC sponsored seminar on ICT in Higher Education- Opportunities and Challenges in the 21st Century held on 28th March, 2012 at St.Xavier's College, Kolkata (Autonomous), ISBN: 978-81-924140- 0-3 3. "Tracking human intrusion through a CCTV", Jayati Ghosh Dastidar, Rana Biswas, IEEE conference CICN 2015, December 2015, DOI - 10.1109/CICN.2015.95, Pages: 461-465, ISBN: 978-1-5090-0076-0/15 <p>Journal Publications –</p> <ol style="list-style-type: none"> 1. "A Simplistic approach for Recognition of Geometrical Shapes using Fuzzy Logic", Jayati Ghosh Dastidar, et. al., Aviskaar Jan 2014, Volume VI, Pages 43-47. 2. "Human Shape Variation - An Efficient Implementation using Skeleton", Jayati Ghosh dastidar, et. al., IJACR, Volume-4 Number-1 Issue-14 March-2014, Pages 145-150, IF – 1.863. 3. "An automatic and efficient foreground object extraction scheme", Jayati Ghosh Dastidar, et. al., IJSAIT, Volume 3, No. 2, March-April 2014, Pages 40-43, IF – 0.503. 4. "Hand Gesture Recognition Library", Jayati Ghosh Dastidar, et. al., IJSAIT, Volume 3, No. 2, March-April 2014, Pages 44-50, IF – 0.503. 5. "Tracking Direction of Human Movement – An Efficient Implementation using Skeleton", Jayati Ghosh Dastidar, et al., IJCA – Vol 96, no. 13, June 2014, (Pg. 27-33) DOI - 10.5120/16855-6722, IF – 0.791. 6. "A Simplistic Mechanism for Query Cost Optimization", Jayati Ghosh Dastidar, et. al., IJACR, Volume 5, Issue 19, June 2015, Pages: 205-211, GIF -0.641, ISRAJIF – 2.517. 7. "Data Hiding in Video using Triangularization LSB Technique", Jayati Ghosh Dastidar, et.al., IJATCSE, Voolume 4, no. 3, May-June 2015, Pages 44-47, IF – 1.042.
Prof. Siladitya Mukherjee	<ol style="list-style-type: none"> 1. Data Encryption in Cloud Storage -- theijst.com -- ISSN: 2321-919X. 2. GSM Based Automationand Monitoring -- AVISKAAR -- ISSN: 2277-8411
Prof. Debabra ta Datta	<ol style="list-style-type: none"> 1. Amit Anand, Rabishankar Khanra, Tejan Agarwal and Debabrata Datta, "Incremental Data Clustering using a Genetic Algorithmic Approach", at International Journal of Science and Applied Information



	<p>Technology, Volume – 4, Number – 2 (March – April, 2015), ISSN 2278-3083, page:08-11.</p> <p>2. Prasita Mukherjee, Pritha Guha, Riya Samanta, Debabrata Datta, “Analysis of Kolkata as a Tourist Destination – A Data Mining Approach”, at Aviskaar, Vol VII, Jan 2015, Page:19-26, ISSN:2277-8411.</p> <p>3. Sushmita Pramanik, Shubham Chatterjee, Aparajita Datta and Debabrata Datta, “An Algorithm on Alert Generation for Proximity Sensing in Real Time Video Streams”, at International Journal of Advances in Computer Science and Technology, Volume – 3, Number – 11 (November, 2014), ISSN 2320 –2602, page:479-484.</p> <p>4. Aparajita Datta, Sushmita Pramanik, Shubham Chatterjee and Debabrata Datta, “Polychromatic Path Identification for Multiple Objects from a Video”, at International Journal of Advanced Trends in Computer Science and Engineering, Volume – 3, Number – 4 (July-August, 2014), ISSN 2278-3091, page:71-75.</p> <p>5. Amit Anand, Rabishankar Khanra, Tejan Agarwal and Debabrata Datta, “Data Clustering using a Genetic Algorithmic Approach”, at International Journal of Advanced Trends in Computer Science and Engineering, Volume – 3, Number – 4 (July-August, 2014), ISSN 2278-3091, page:67-70.</p> <p>6. Rupali Naha, Antariksha Ray, Priteem Sarkar and Debabrata Datta, “Moving Objects Tracking in Real Time Video and Plotting Their Path of Movement”, at International Journal of Advanced Computer Research, Volume – 4, Number – 1, Issue – 14, March, 2014, ISSN(print): 2249-7277, ISSN(online): 2277-7970.</p> <p>7. Kashi Nath Dey and Debabrata Datta, “Materialized View – A Novel Approach”, at the Second International Conference on Computing and Systems – 2013 held on 21-22 September, 2013 at The University of Burdwan, Page:280-282, ISBN-978-9-35-134273-1.</p> <p>8. Shreyasi Dey Das, Falguni Saha and Debabrata Datta, "Sales Analysis and Sales Planning of an Enterprise with a Business Intelligence Approach" at Aviskaar, Vol V, Jan 2013, Page:30-38, ISSN:2277-8411.</p> <p>9. Soumya Sen, Debabrata Datta and Nabendu Chaki, "An Architecture to maintain Materialized View in Cloud Computing", at the International Conference on Computing Sciences, Turing100 held on 14-15 September, 2012 at Lovely Professional University, Punjab, Page:361-366, ISBN-13:978-0-7695-4817-3.</p> <p>10. Anal Acharya, Debabrata Datta and Soumen Mukherjee, "A Study on Use of ICT in Indian Education" at the UGC sponsored seminar on ICT in Higher Education-Opportunities and Challenges in the 21st Century held on 28th March, 2012 at St.Xavier's College, Kolkata (Autonomous),</p>
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	<p>Page 18-23, ISBN: 978-81-924140-0-3.</p> <p>11. Anal Acharya, Soumen Mukherjee and Debabrata Datta, “UML Based Modeling for Systolic Array Processor” at the International Conference on Trends and Advances in Computation and Engineering (TRACE 2010) held on 25-26 February, 2010 at Barkatullah University, Bhopal, Page 1465-1470, ISBN: 978-81-8387-398-7.</p> <p>12. Debabrata Datta, Soumen Mukherjee and Anal Acharya, “Patenting Software: An Ethical Issue” at the International Conference on Business Ethics and Corporate Social Responsibilities (ICBECSR'09) held on 3-5 December 2009 at KLMR, Belgaum, Page 276-280, ISBN: 023-032-825-3.</p> <p>13. Soumen Mukherjee, Debabrata Datta and Anal Acharya “Object Oriented Modeling of DCT: A Classic Signal Processing Architecture”, at the International Conference in Information Technology and Business Intelligence (ITBI 09) held on 6-8 Nov, 2009 at Institute of Management Technology, Nagpur.</p>
Prof. Kaushik Goswami	<p>Contributions as a resource person in books</p> <ol style="list-style-type: none"> 1. Contributor as a Resource person to the Global Edition of Web Development and Design Foundations with HTML5, 7/e by Terry Felke•Morris. Pearson Education, September 2014 2. Contributor as a Resource person to the Global Edition of Basics of Web Design:HTML5 & CSS3, 3rd Edition by Terry-Felke Morris, Pearson Education July 2015 3. Reviewer of Elmasri Navathe : Fundamentals of Database Systems, 7e, Pearson Education , 2015-16 4. Contributor as a Resource person to Elmasri Navathe: Fundamentals of Database Systems, 7e, Pearson Education, 2015-2016. <p>Paper Publication</p> <ol style="list-style-type: none"> 1. A new randomized data hiding algorithm with encrypted secret message using modified Vernam Cipher method: RAN-SEC algorithm, Rishav Ray, Jeeyan Sanyal, Tripti Das, Sankar Das, Asoke Nath and Kaushik Goswami. Proceedings of IEEE International Conference: World Congress WICT-2011 held at Mumbai University 11-14 Dec, 2011, Page No. 1215-1220 (2011) 2. Ubiquitous E-Learning A Paradigm Shift Towards A Collaborative Learning Environment, S.Agarwal,Dr. A.Nath,A.Vimal,Kaushik Goswami UGC sponsored Seminar on I.C.T IN HIGHER EDUCATION, 28/03/2012 3. Green Software Engineering Process: Moving towards sustainable Software Product Design, Shantanu Ray, Nabaraj Sengupta,Koustav Maitra, Asoke Nath, Shalabh Agarwal,Kaushik Goswami, Journal of Global Research in Computer Science (ISSN-2229-371X), Vol-4, No.1, pp 25-29, 2013 4. Roy S., Chatterjee A., Pandit R., & Goswami K (2014). Printed Text



	<p>Character Analysis Version-I: Optical Character Recognition with the new User Training Mechanism. International Journal of Advanced Computer Research, 4(2), 524.</p> <p>5. Roy S., Chatterjee A, Pandi R., & Goswami K. (2014). Printed Text Character Analysis Version-II: Optimized optical character recognition for noisy images with the new user training and background detection mechanism. International Journal of Advanced Computer Research, 4(2), 601.</p> <p>6. Roy, S., Chatterjee, A., Pandit, R., & Goswami, K. (2015). Printed Text Character Analysis Version-III: Optical Character Recognition with Noise Reduction, Background Detection and User Training Mechanism for Simple Cursive Fonts. International Journal of Information Engineering and Electronic Business (IJIEEB), 7(2), 27.</p>
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15. Details of patents and income generated

NIL

16. Areas of consultancy and income generated

NIL

17. Faculty recharging strategies

- The faculties attend workshops, seminars, refresher courses, orientation programmes etc.
- Preparation day : one per week

18. Student projects

- percentage of students who have done in-house projects including inter-departmental: 100%
- percentage of students doing projects in collaboration with industries / institutes: Nil

19. Awards / recognitions received at the national and international level by

○ **Faculty**

Dr. Asoke Nath

Invited Keynote address/Tutorial/lecture Presented in National and International Conference by Dr. Asoke Nath:

- Title of the Tutorial: "Introduction to Cryptography". Delivered in Worldcomp-2011 held at Las Vegas from 18-21 (2011) on 20/07/2011 from 6:00PM-9:00PM in Ball Room No.4, Monte Carlo Resort, Las Vegas, Nevada, USA.
- Title of the Tutorial: "Cryptography and Network Security" delivered in World Congress WICT 2011 held at Mumbai University Dec 11-14(2011) held on 11/12/2011 from 4:50PM-6:20PM.



3. Title of the Tutorial: “Introduction to Cryptography” delivered in National Conference on Recent Advances in Communication, Control and Computing Technology-RACCCT 2012, 29-30 March held at Surat, Gujrat.
4. Title of the Tutorial: “Basics of Cryptography and Network Security” delivered in International Conference Worldcomp 2012 held at Las Vegas on 17/07/2012 from 6:00PM-9:00PM in Silver Room, Monte Carlo Resort, Las Vegas, USA.
5. Presented one day invited seminar on “Introduction to Cryptography and Network Security” at Najrul Mancha, Belgharia, Kolkata BCA, MSc (IT), MCA students and staff members of Brainware Consultancy Pvt. Ltd on 24/01/2013 from 11:00AM-4:00PM.
6. Title of Tutorial: “Introduction to Cryptography and Network Security” delivered in International conference Worldcomp 2013 held at Las Vegas on 22/07/2013 from 6:00PM-9:00PM in Montecristo 4, Hotel Tropicana, Las Vegas, USA.
7. Delivered Key Note Address “Cryptography and Network Security” at International Conference on Emerging Trends, Technology and Research (ICETTR-2013) held at Nagpur, September 21-22(2013).
8. Delivered Lecture on “MATLAB” in Short Course on Computational Tools and Open Source Software , organized by Academic staff college, Burdwan University on 3rd September, 2013.
9. Delivered Tutorial on “Introduction to Cryptography and Network Security” in IEEE International Conference: WICT 2013 held at Hanoi in Dec 15-18, 2013.
10. Delivered Keynote address on “Introduction to Cryptography and Network Security” in IEEE International Conference: ICMIRA 2013 held at SMVDU, Jammu in Dec 21-23, 2013.
11. Delivered invited Lecture on Recent Trends in Computers: Green Computing, Finite State Automation and Network Security and Cryptography in FEFA 2013 organised by Department of Mathematics in Presidency University, Kolkata on 27-28-th of Dec 2013.
12. Delivered invited Tutorial on “Introduction to Cryptography and Network Security” in Worldcomp 2014 held at Las Vegas, USA in July 21-24, 2014.
13. Delivered invited lecture on “MOOCs in Higher Education Institution – A case study in Indian Context” in 1 day seminar on “Higher Education – Issues and



Challenges” held at IGNOU Kolkata Regional Centre, Bikash Bhavan on 11-th Nov 2014.

14. Delivered Invited Talk on “Introduction to Cryptography and Network Security” in IEEE International Conference on Computational Intelligence and Communication Networks(ICCICN-2014)” held at Hotel Pride, Newtown, Kolkata, Nov 14-16,2014
15. Delivered Invited Talk on “Introduction to Cryptography and Network and Network Security” in IEEE International Conference CSNT-2015 held at Gwalior, Apr 04-06, 2015.
16. Delivered Invited Tutorial on “Introduction to Cryptography and Network Security” in International conference Worldcomp 2015 held at Las Vegas, US, July 27, 2015.
17. Delivered Invited Tutorial on “Application of MATLAB in Science and Engineering” in International conference Worldcomp 2015 held at Las Vegas, US, July 28, 2015.
18. Delivered Invited Lecture on “Introduction to Green Computing” in Department of Computer Applications, Sikkim University, Gangtok, Sikkim on 28/08/2015 in Seminar Hall.
19. Delivered Invited short Course on “Introduction to Cryptography and Network Security” IEEE International conference ICGCIot 2015 held at Galgotias College of Engineering and Technology (GCET) ,Greater Noida, India
20. Delivered Invited Tutorial on “Introduction to Cryptography and Network Security” in IEEE International Conference in Computational Intelligence and Communication Networks (ICRCICN 2015) held on 21/11/2015 in Indismart Hotel, Salt Lake City, Kolkata.
21. Delivered Invited talk on “Introduction to Cryptography and Network Security” in IEEE International Conference on “Computational Intelligence and Communication Networks (CICN 2015)” held at Jabalpur in Gyan Ganga Institute of Technology in Dec 12-14, 2015.

Awards received by Dr. Asoke Nath:

1. Best paper award was given for presenting paper title “Multi Way Feedback Encryption Standard (MWFES): Ver-I “in International Conference on Emerging



Trends, Technology and Research (ICETTR-2013) held at Nagpur, September 21-22(2013).

2. Received Achievement award in International Conference Worldcomp 2014 held at Las Vegas, US in July 21-24, 2014.

3. Received Achievement award in International Conference Worldcomp 2015 held at Las Vegas, US in July 27-30, 2014.

○ Doctoral / Post-Doctoral fellows : NIL

○ **Students :**

- Ankita Bhaumik and Shamik Chakrabarty won 1st prize in Science Exhibition at Birla Industrial and Technological Museum (BITM) Kolkata, June: 2015 for the project: Anti-Corruption Biometric Voting Machine. The project was guided by Mr. Rana Biswas.
- Umaina Rahman won 1st Prize-"EUREKA"- A science Exhibition in "Cultvision 2013" organised by *RESEARCH SCHOLARS' ASSOCIATION, INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE (IACS)*, JADAVPUR.
- Umaina Rahman won 1st Prize-"OPEN DESIGN"- A science Exhibition as a part of "INSTRUO'14"organised by *INDIAN INSTITUTE OF ENGINEERING, SCIENCE and TECHNOLOGY*, SHIBPUR.
- Saurav Biswas, Umaina Rahman, Suraj Mondal won 1st Prize-"OPEN DESIGN"- A science Exhibition as a part of "INSTRUO'14"organised by *INDIAN INSTITUTE OF ENGINEERING, SCIENCE and TECHNOLOGY*, SHIBPUR.
- Saurav Biswas, Umaina Rahman, Suraj Mondal 1st Prize- INNOVATION (SOFTWARE and HARDWARE)" Organised as a part of "EDGE 2014",Techno management Fest of *TECHNO INDIA SALT LAKE*.
- Parag Chatterjee won award in Students' All India Essay Contest on Digital India, organized by Computer Society of India (Chennai Chapter) and IEEE. He also delivered invited lecture in Favaloro University in Argentina.
- Purnendu Mukherjee and Probal Banerjee received the Best Paper Award in International Conference on Emerging Trends, Technology and Research, Nagpur, Sept 2013 under the guidance of Dr. Asoke Nath.
- Many students have presented papers in International and National conferences, a few of them abroad.
- Departmental students participated in Ode to Code competition organised by IEST (BESU) Shibpur and stood First in 2014.
- Computer Science students regularly participate in the Science Exhibitions and this year Comp.Sc. Students received the 1st prize in the College Science Exhibition.
- A group of 10 students of 3rd year B.Sc. (Honours) Computer Science had their papers accepted at WICT 2011.



- Dipanjan Das won the Inter College, East Zone, All India University championship in 2010.
- Prerna Nidhi, Shreya Nag and Ankita Dutta stood first in presentation, essay and power point presentation in AICUF awards 2010.
- Triparna Mukherjee stood second in National Talent Hunt for Classical Bhajan and Sufi music, New Delhi.

Students going abroad for Higher Studies:

- Anuvabh Dutt: pursuing MS from University of Grenoble, France
- Soumayak Chatterjee: pursuing MS from Swinburne University, Australia
- Satyaki Roy: pursuing Ph.D. from Missouri University, USA
- Mourjo Sen: completed MS from Nice University, France
- Gaurav Bhadra: completed MS from Oxford University, UK
- Somdeep Dey: completed MS from Manchester University, UK
- Sahon Bhattacharjee: completed MS from University of Osnudruck, Germany
- Benajamin Felix: completed MS from Oxford University
- Dripto Chatterjee: completed MS from King's College, UK
- Debayan Gupta: completed Ph.D. from Yale University, USA
- Pujareene Sur: completed MBA from University of Rhode Island, Kingston, USA.

20. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.

Serial	Name	Date	In Association With
1	Two Day Workshop on Oracle 11g	10.10.15	Comp.Sc Dept., St. Xavier's College
2	Impact of ICT on the environment	29.01.15	Invited lecture by Prof. Michael Petit, University of Namur, Belgium
3	Workshop on Linux Administration and Virtualization	22.12.14	Comp.Sc Dept., St. Xavier's College
4	Internet Regulation And Limitation Of Law	03.08.13	Invited Lecture by Prof. Anirban Mazumder, NUJS, Kolkata
5	Use of ICT Tools in Higher Education (UGC sponsored)	12.02.12	A.K Chaudhuri School of IT, University of Kolkata (National Level)
6	MATLAB and Simulink Toolboxes	02.10.11	Computer Society of India, Kolkata Chapter
7	Information Retrieval	26.03.11	Information Retrieval Society of India
8	Modeling and Simulation Techniques for computation Problems using MATLAB	01.10.10	Computer Society of India, Kolkata Chapter (National Level)



21. Student profile course-wise:

Name of the Course (refer question no. 2)	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
UG Computer Science (2014-15)	908	38	20	100%	100%
PG Computer Science (2014-15)	162	47	26	95%	100%

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the College	% of students from the state	% of students from other States	% of students from other countries
UG Computer Science (2014-15)	Nil	92	8	Nil
PG Computer Science (2014-15)	23.81	98.41	1.59	Nil

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? :
Nil

24. Student progression

Student progression	Percentage against enrolled
UG to PG	85%
PG to M. Phil	Nil
PG to Ph.D.	15%
Ph.D. to Post-Doctoral	Nil
Employed	<ul style="list-style-type: none"> Campus selection: 45% Other than campus recruitment: 15%
Entrepreneurs	5%

25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	80%
from other universities within the State	20%
from other universities from other States	NIL



26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

NIL

27. Present details about infrastructural facilities

- a. Library: The department had departmental library till June 2013 which was merged with Central Library thereafter, to facilitate better availability of books across all departments.
- b. Internet facilities for staff and students: All faculty members and students have access to internet
- c. Total number of class rooms: 05
- d. Class rooms with ICT facility: 05
- e. Students' laboratories: 06
- f. Research laboratories: 01

28. Number of students of the department getting financial assistance from College.

- a. UG -29 Students
- b. PG – 6 Students

29. Was any need assessment exercise undertaken before the development of new programme(s)? If so, give the methodology.

- Inputs from BOS members
- Inputs from faculty members
- Inputs from peer groups in other Colleges/Universities
- Inputs from past pupils
- Inputs from industry

30. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
Yes. The feedback is forwarded to the Principal and Vice-Principal for appropriate course of action.
- b. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?
In addition to a 360° feedback, periodic online feedback is also taken. The report is analysed at faculty meetings and shortcomings are worked upon.
- c. alumni and employers on the programmes and what is the response of the department to the same?
All the stake holders are free to give a 360° feedback through the college website.



31. List the distinguished alumni of the department (maximum 10):

Nil

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Serial	Name	Date	In Association With
1	Two Day Workshop on Oracle 11g	10.10.15	Comp.Sc Dept., St. Xavier's College
2	Impact of ICT on the environment	29.01.15	Invited lecture by Prof. Michael Petit, University of Namur, Belgium
3	Internet Regulation And Limitation Of Law	03.08.13	Invited Lecture by Prof. Anirban Mazumder, NUJS, Kolkata
4	Use of ICT Tools in Higher Education (UGC sponsored)	12.02.12	A.K Chaudhuri School of IT, University of Kolkata (National Level)

33. List the teaching methods adopted by the faculty for different programmes.

- Traditional chalk-and-talk techniques
- Use of ICT and AV facilities
- Use of E-campus
- Interaction through e-mail
- Dissemination of course material through college website
- Regular Assignments
- Student Seminars
- Project Work
- Term Paper
- Face to face interaction
- Remedial classes

34. How does the department ensure that Programme objectives are constantly met and learning outcomes monitored?

The department ensures that the objectives are met by taking feedback and reviewing the performance through continuous assessments.

35. Highlight the participation of students and faculty in extension activities.

- The department is actively involved in NSS-conducted social drives involving under-privileged/orphan children in villages.
- The Computer Centre offers courses at villages and remote locations for underprivileged children and youth.



- Computer courses are offered to war affected youth in Afghanistan, Sri Lanka and Thailand in collaboration with JRS and JC-HEM.
- The faculty and students organise camps at villages to promote education and sports.
- Donating computers to schools and computer centers in villages and remote areas.

36. Give details of “beyond syllabus scholarly activities” of the department.

a. Department:

- Seminars
- Workshops
- Guest Lectures
- Annual Tech-Fest
- Annual Magazine

b. Students:

- Participation in National Science Congress
- Participation in Science Exhibitions
- Paper presentation in International and National Conferences
- Publication of research papers in International and National research journals
- Participation in Entrepreneurship events
- Participation in Seminars and workshops

c. Faculty members:

- UGC Projects
- Paper presentation in International and National Conferences
- Publication of research papers in International and National research journals
- Participation in Seminars and workshops

37. State whether the Programme/ department is accredited/ graded by other agencies. Give details:

Nil

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths:

- High quality faculty with expertise in a broad range of modern Computer Science fields and having strong research potential with proven records of high quality research and publication activities.
- Cohesive department with stability having strong leadership and excellent administrative support.
- Flexible curriculum management with well defined programme assessment.
- Numerous research opportunities for students and faculty.
- Excellent teaching learning environment having adequate modern teaching aids



and excellent computing environment with adequate lab facilities.

Weaknesses:

- Need to increase collaborative research/projects among the faculty members and students with industry alliance
- Need to develop internship programmes and short-term courses
- Need to have Global Certification Programmes as a part of curriculum

Opportunities:

- Setup a Center for Research and Development in the field of Computer Science and ICT to team up with other universities for research and development
- Graduate and Undergraduate Programmes Enhancement
- Explore joint projects/programmes with other departments/universities
- Offer online courses
- Maintaining and utilizing better contact to our alumni

Challenges:

- Balancing teaching quality with research
- Keeping pace with the fast changing technology
- Continue attracting top quality students because of more employability in engineering courses
- High variance in student ability and experience in M.Sc. programme
- Increase employment opportunities for Post Graduate students

39. Future plans of the department.

- Setup a Center for Research and Development
- UG and PG degree programmes on Computer Applications
- Integrated M.Sc. programme in Computer Science
- Finishing Programmes for graduating students
- Online courses on Computer Science and Application



Evaluative Report of the Department – Economics

- Name of the Department and its year of establishment:**
Economics
- Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):**
UG
- Interdisciplinary courses and departments involved :**
Department has taken classes in Student Exchange Programme.
- Annual/ semester/choice based credit system:**
Semester
- Participation of the department in the courses offered by other departments:**
M.Com department.
- Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)**

	Sanctioned	Filled
Professors	1	1
Associate Professors	3	3
Asst. Professors	2	2

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Rev. Fr. Dr. J. Felix Raj SJ	MA, Ph. D	Principal	Development Economics, Liberalization, Privatization and Globalization, Public Sector, Disinvestment,	31	-



			Spirituality, Leadership Skills and Training		
Prof. Dr. Mallinath Mukherjee	M.A., Ph.D	Associate Professor	International Economics and Environmental Economics	34	-
Prof. Bipra Kumar Das	M.Sc	Assistant Professor	Statistics, Econometrics and Mathematical Economics	26	-
Prof. Dr. Ranjanendra Narayan Nag	M.Sc, Ph.D	Associate Professor	Open Economy Macro Economics, General Equilibrium and International Trade, Development Economics, Mathematical Economics	22	3
Prof. Dr. Partha Pratim Ghosh	M.Sc, M. Phil, M.B.A.,Ph.D	Associate Professor	Macroeconomics, Economics of Finance, Input-Output Economics, Econometrics and Operations Research	26	-
Prof. Pia Ghoshal	M.Sc, M. Phil	Assistant Professor	International Economics, Development Economics, Agricultural Economics	9	-

8. **Percentage of classes taken by temporary faculty – Programme-wise information:**
No temporary faculty. 2 classes per week in Sem VI special paper taken by guest faculty.



9. Programme-wise Student Teacher Ratio:

1:32

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled:

Nil

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

(1) Project Title: "Sources of Growth of Food Grains in Indian Agriculture During the Pre Reform and Reform Period"

Awarded to: Prof. Dr. Partha Pratim Ghosh

Funding Agency: ICSSR

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received:

Nil

13. Research facility / centre with:

- state recognition
- national recognition
- international recognition

Nil

14. Publications:

(1) Publication Details of Prof. Dr. John Felix Raj SJ

Books (Edited)

- (2012) : Disinvestment in India – Trends, Problems and Prospects, , Regal Publishers, New Delhi.
- (2014): Discovery of Bengal: The Jesuit Design, The Goethals Indian Library and Research Society

Referred Journal:

- (2010): "West Bengal at the Crossroads", Chapter 47 in Modern Indian Economy – Essays in Memory of Professor Alak Ghosh by Sen Raj Kumar (Ed.), Deep and Deep Publishers, Delhi, , Pp. 667 – 674.
- (2011): "The Economic Ideas of Thiruvalluvar" and "The Economic Ideas of Arthasastra" are recommended as study/reference materials in Northern University of Illinois.
- (2012): "Indian Economy at the Crossroads", Guest Editorial in Vidyajothi Journal of Theology, Vol. 76/2 February, Delhi.



- (2014): Paper titled 'Impact of Financial Crisis in Emerging Asia in terms of Trade Potentials' 'Procedia-Social and Behavioral Sciences" Elsevier Publication.
- (2015) : 'A Quest for Value-based Inclusive Growth' in Artha Beekshan Volume 25, Issue 1, February.

Article Publications (Published in Edited Books)

- (2010): "West Bengal at the Crossroads", Chapter 47 in Modern Indian Economy – Essays in Memory of Professor Alak Ghosh by Sen Raj Kumar (Ed.), Deep and Deep Publishers, Delhi, 2010, pp. 667 – 674.
- (2011): "Father Gerard Becketts and the AICUF", Chapter IV in Babu – His Life and Mission, by Fr. Albert Huart (Ed), pp 79 – 93, GILRS, 30 Mother Teresa Sarani, Kolkata.
- (2012): "Globalization and the Plight of Tribal Communities", Indian Economic Development, Contemporary Issues, Bhattacharya, D. N. (Ed), Regal Publications, New Delhi, Pp. 263 – 281.
- (2014): 'Analytical Issues in Trade, Development and Finance- Essays in Honour of Biswajit Chatterjee', Springer India. ISBN 978-81-322-1649-0.

Articles in Newspapers / Bulletins

- (2012): "The Core of Spirituality", The Indian Currents, Delhi, 30 March – 6 April.
- (2012): "More Reforms, Less Jobs", Indian Currents, 05 – 11 November, New Delhi.
- (2013): "Towards Inclusive Growth - I : Distorted Development", Indian Currents, 14-20 October, New Delhi.
- (2013): "Towards Inclusive Growth - II : Distorted Development", Indian Currents, 21- 27 October, New Delhi.

(2) Publication Details of Prof. Dr. Ranjanendra Narayan Nag

Name of the Paper	Journal	Details
A Simple Effective Demand Model of Capital Flow, Asset Prices and Output(with Rilina Basu)	<i>Trade and Development Review Print</i> (ISSN: 0587-1646)	Vol. 4(1), 2011
Stock market, capital flow and output: some analytical and policy perspectives(with Rilina Basu)	<i>Macroeconomics and Finance in Emerging Market Economics</i> ISSN 1752-0843 (Print), 1752-0851 (Online)	Vol. 4(1), pp. 85-99, 2011



Financial Intermediation, Asset Prices and Macroeconomic Performance in Developing Countries: A Theoretical Analysis (with Rilina Basu)	<i>Artha Beekshan</i> ISSN 0972-1185	2011
Globalisation, Labour Market Segmentation, Unemployment and Wage Inequality: A Theoretical Analysis(with Rakhi Banarjee)	<i>Journal of Economic Integration</i> ISSN: 1976-5525.	Vol. 26(3), 2011
Capital flow, asset prices and macroeconomic performance in an emerging market economy: Models and policy perspectives (with Rilina Basu)	<i>Journal of Research in Economics and International Finance</i> (ISSN-2315-5671)	Vol. 1(1), pp. 31-38, 2012
Globalisation, Agricultural Dualism and Development Policies: A General Equilibrium Analysis(with Rakhi Banarjee)	<i>The Indian Economic Journal</i> ISSN, 0019-4662	Vol 59(1), 2012
FDI, Unemployment and Welfare in the presence of Agricultural Dualism(with Rakhi Banarjee)	<i>Pakistan Development Review</i> ISSN 0030-9729	Vol.49(2), pp. 119-128, 2012
Macroeconomics of Agricultural Trade Liberalization (with Bhaskar Goswami)	<i>Global Economic Review</i> ISSN 1226-508X (Print), 1744-3873 (Online).	Vol.41(3), pp. 233-242, 2012
Global Financial Crisis, Foreign Institutional Investment and Macroeconomy in India (with Sayantan Bandhu Majumder)	<i>Asian Journal of Research in Business and Management</i> Online ISSN: 2249-7307	Vol.2(11), pp. 18-32, 2012
Relation between Stock Price and Exchange Rate: Recent Evidence from India(with Sayantan Bandhu Majumder)	<i>International Journal of Business Economics and Management Research Online</i> ISSN: 2229-4848	Vol.3(5), pp. 36-51, 2013



Globalization, Child Labour and Development Policies: A Theoretical Analysis (with Rakhi Banarjee)	<i>Foreign Trade Review</i> Print ISSN: 0015-7325; Online ISSN: 0971-7625.	Vol.48(1), pp. 83-104, 2013
Foreign Institutional Investment, Stock Market and Volatility: Recent Evidence from India (with Sayantan Bandhu Majumder)	<i>Indian Journal of Finance</i> ISSN 0973-8711	Vol.7(7), pp. 23-31, 2013
Exchange Rate, Macroeconomic Performane and Stabilization Policies: A Dependent Economy Model(with Moumita Basu)	<i>Artha Bikshan</i> ISSN 0972-1185	Vol.21(4), pp. 112-128, 2013
Terms of trade, capital accumulation and the macro-economy in a developing country: a theoretical analysis (with Jonaki Sengupta and Bhaskar Goswami)	<i>Studies in Agricultural Economics</i> ISSN: 14182106	Vol. 115(3), pp. 157-165, 2013
Agricultural Dualism, Wage Inequality and Development Policies(with Rakhi Banerjee)	<i>International Journal of Sustainable Agricultural Research</i> Online ISSN: 2312-6477. Print ISSN: 2313-0393	Vol. 1(1), pp. 1-18, 2014
Capital flow in India: facts, features, and analysis (with Sayantan Bandhu Majumder)	<i>Decision</i> ISSN: 2197-1722	Vol. 42(1), pp. 19-31, 2014.
Capital Flows, Asset Prices and Output in Emerging Market Economies A Theoretical Analysis (with Sayan Baksi and Sayantan Bandhu Majumder)	<i>Foreign Trade Review</i> Print ISSN: 0015-7325; Online ISSN: 0971-7625.	Vol. 50(1), pp. 1-20, 2015.
Asset price dynamics, inflation and sectoral composition of output: a dependent economy model(with Moumita Basu)	<i>Macroeconomics and Finance in Emerging Market Economies</i> ISSN: 1752-0843	DOI:10.1080/17520843.2015.1049639Forthcoming
Open Economy Macroeconomics Of Credit, Employment And Growth: A Structuralist Approach (with Rilina Basu)	<i>The journal of Developing Areas</i> US ISSN: 0022-037X, Online	Vol. 49(3), 2015.



	ISSN: 1548-2278	
Return and volatility spillover between stock price and exchange rate: Indian evidence (with Sayantan Bandhu Majumder)	<i>International Journal of Economics and Business Research</i> ISSN: 1756-9869	Vol. 10(4), pp. 326-340,
Open Economy Macroeconomics of Sectoral Interlinkage in a Developing Country(with Bhaskar Goswami and Pia Ghoshal)	<i>Foreign Trade Review</i> ISSN: 00157325	Vol 50 No:4 November 2015, pp 250-262
Globalization and Child Labour: A Theoretical Evaluation(with Rakhi Banerjee)	Indian Economy: A Visionary Perspective ISBN978-81-8484-524-2	Ch-9 pp 63-78, 2015 (Regal Publications)
Credit, Capital Accumulation and the Macroeconomy: A Dynamic Analysis(with Rilina Basu(Banerjee))	Indian Economy: A Visionary Perspective ISBN978-81-8484-524-2	Ch-17 pp 234-242, 2015 (Regal Publications)

(3) Publication Details of Prof. Dr. Partha Pratim Ghosh

Name of the Paper	Journal	Details
Sources f Growth of the Employment-Generating Sectors in the Twelfth Plan- An Exercise Using Input-Output Analysis	Indian Economy: A Visionary Perspective ISBN978-81-8484-524-2	Ch-8 pp 104-133, 2015 (Regal Publications)

(4) Publication Details of Prof. Pia Ghoshal

Name of the Paper	Journal	Details
Looking at Gender Empowerment Through The Lens Of 'CAPABILITY' Approach: Indian Experience in the Post Reforms Period (Jonaki Sengupta)	Conference Proceedings of UGC-DRS International Conference on "Development and Rural Livelihood" Dec 22-23, 2010	Chapter 19, pp. 325-339, 2011(Levent Books)



	ISBN: 978-93-80633-20-3	
Women Empowerment in Indian States: A Study of Policies in Post-Reform Era	Indian Economy: A Visionary Perspective ISBN978-81-8484-524-2	Ch-9 pp 134-145, 2015 (Regal Publications)
Open Economy Macroeconomics of Sectoral Interlinkage in a Developing Country(with Bhaskar Goswami and Ranjanendra Narayan Nag)	<i>Foreign Trade Review</i> ISSN: 00157325	Vol 50 No:4 November2015,pp 250-262
Technical efficiency and its determinants in agricultural production: a study on Indian states	<i>The Indian Economic Journal</i> ISSN, 0019-4662	Volume 61(2) July-September,2013(Forthcoming)

15. Details of patents and income generated:

Nil

16. Areas of consultancy and income generated:

Nil

17. Faculty recharging strategies:

Prof. Dr. Ranjanendra Narayan Nag acted as Resource Persons for Refresher Course, University of Calcutta, 2011,2012,2013,2015.

Prof. Dr. Partha Pratim Ghosh acted as Resource Persons for Refresher Course, University of Calcutta, 2015.

Prof. Pia Ghoshal completed Refresher Course in Economics, University of Calcutta, 2011.



18. Student projects

- percentage of students who have done in-house projects including inter-departmental: All students have to submit a project as a part of curriculum of Semester VI.
- percentage of students doing projects in collaboration with industries institutes: At least 10% students do projects every year.

19. Awards / recognitions received at the national and international level by :

- Faculty
- Doctoral / Post-Doctoral fellows
- Students

Many of our students have/are perusing their doctoral research work in renowned national and international institutes with national scholarship and have received recognitions at national and international levels.

20. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any:

Every year, Dept. of Economics organizes an annual conference 'Confluence' which involves participation for colleges both in Kolkata and outstation (across states). Sponsorships are collected for the purpose.

21. Student profile course-wise:

Name of the Course (refer question no. 2)	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
BSC (Economics)	1765	41	38	91	93

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the College	% of students from the state	% of students from other States	% of students from other countries
BSC (Economics)	-	82	18	Nil

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

Students of our Dept. after completion of UG course get absorbed in national universities and institutes, and in foreign universities. Rest round 20-30% of the students get involved in working in corporate, for-profit and not-for profit organizations. A list of some of the institutes/ organizations our students are absorbed in are given below:

Indian Institutes of Management (IIMs)

Indian Statistical Institute, Kolkata and Delhi



IGIDR
 Faculty of Law, Delhi
 Jawaharlal Nehru University, Delhi
 Presidency University, Kolkata
 Delhi School of Economics
 University of Calcutta
 KPMG, Kolkata
 NMIMS,Mumbai
 S P Jain, Mumbai
 KC Law College, Mumbai
 King's College London
 University of Warwick
 University of Oxford
 London School of Economics
 Young India Fellowship
 LAMP Fellowship
 Sciences Po
 Mu Sigma
 Google
 NSE
 Just Pressed
 Mc Kinsey
 PWC
 Uber

24. Student progression

Student Progression	Percentage Against Enrolled
UG To PG	30%
PG To M.Phil	5%
PG To Ph.D	Nil
Ph.D To Post-Doctoral	Nil
Employed	
1. Campus Selection	30-35%
2. Other Than Campus Recruitment	
Entrepreneurs	10- 15%

25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	4 (C.U.)
from other universities within the State	1 (J.U.)
from other universities from other States	-----



26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period:

Nil

27. Present details about infrastructural facilities

- a. **Library:** Students and faculty use the well-equipped college library which has many copies of referred books, additional texts, online books and online journals for reference.
- b. **Internet facilities for staff and students:** The department room has 3 computers well equipped with internet facilities available to the staff. The students have access to the internet facilities in the cyber rooms and the libraries.
- c. **Total number of class rooms:** 3
- d. **Class rooms with ICT facility:** The department takes computer practical classes as a part of its curriculum in the computer laboratories which are well equipped with ICT facilities.
- e. **Students' laboratories:** Nil
- f. **Research laboratories:** Nil

28. Number of students of the department getting financial assistance from College :

3 Students

29. Was any need assessment exercise undertaken before the development of new programme(s)? If so, give the methodology:

The department undertook feedback from its BOS members, external academia and students to develop the new curriculum.

30. Does the department obtain feedback from

- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
- students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?
- alumni and employers on the programmes and what is the response of the department to the same?

Necessary feedbacks are taken by the college authorities.

31. List the distinguished alumni of the department (maximum 10)

- a. Santanu Bose, IAS
- b. Samiran Chakraborty, Chief Economist, Citibank
- c. Mohitosh Kejriwal, Purdue University
- d. Anjan Chakraborty, University of Calcutta
- e. Kausik Gupta, Rabindra Bharati University



- f. Brati Shankar Chakraborty, Indian Statistical Institute, Kolkata
- g. Surajit Sinha, IIT Kanpur
- h. Mohammad ArshadRahman,IIT Kanpur
- i. Mahima Khanna, third Indian to have received the Stevenson Prize from the University of Cambridge in 2011 after Amartya Sen and Sir Partha Dasgupta

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

The Confluence encompasses guest lectures and panel discussions by eminent economists which are attended by students of the department helping them to enrich their thoughts and broaden their horizons.

33. List the teaching methods adopted by the faculty for different programmes. Predominantly chalk and board.

However, practical classes are undertaken in well-equipped computer laboratories.

34. How does the department ensure that Programme objectives are constantly met and learning outcomes monitored?

The Department carries out continuous interactions with students to understand their needs.

35. Highlight the participation of students and faculty in extension activities.

The faculty members and the students of the department involve themselves in continuous research work, paper presentations, judging of events (inside and outside college by the faculty members) and other academic exercises over and above their regular academic commitments.

36. Give details of “beyond syllabus scholarly activities” of the department.

Our students take part in numerous academic and extracurricular fests of esteemed institutes and make the department proud by distinguishing themselves. Several papers are presented by the students of the department which are highly applauded by eminent economists. Some of the events in which students participate every year are listed below:

- 1. Lady Shree Ram College Fest, Econvista
- 2. Goonj
- 3. Entrepreneurship Development Cell, St. Xavier's College, Kolkata.
- 4. NUJS parliamentary debate
- 5. Springfest (IIT Kharagpur)
- 6. Channel V Indiafest Centrifuge (IIM Joka)
- 7. Marketmania, business conclave, SRCC
- 8. X-plicit debate
- 9. KIIT debate.



10. Prologue debate.
11. Ramjas debate.
12. Economics Fest of Miranda House, Zenith
13. ISI- Contrapunto
14. X-Confero (XDS)
15. Analytica (Mathematics Dept.)
16. Sigma (Science Association)
17. Inertia (Xavier's Marketing Society)
18. Dept. Of Sports
19. Fine Arts Society
20. Confluence, St. Xavier's College (Autonomous), Kolkata.
21. YESM, Jadavpur University, Kolkata.
22. Bengal Economic Association Conference.
23. Conference organized by St. Stephen's College, Delhi.
24. Conference organized by Indian Statistical Institute, Kolkata.
25. Conference organized by IIM Calcutta
26. Conference organized by Presidency University, Kolkata.
27. Conference organized by St Xavier's College, Mumbai

37. State whether the Programme/ department is accredited/ graded by other agencies. Give details.

No

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

The course offers the following strengths:

- (1) Study in a department renowned for consistently brilliant academic performance and placements of its students. In particular, the success rate of our students in different competitive examinations is absolutely phenomenal.
- (2) Enables a student to draw upon the strengths acquired in Mathematics and English at intermediate level to gain, through teaching, assignment, project, classroom presentation and independent study, a rigorous understanding of even the most intricate issues of the subject and development of a social awareness.
- (3) Prepares a student for a variety of careers in academia, the corporate world and government administration.
- (4) Very helpful, committed and friendly faculty who encourage interactions between teachers and students. The mission of the department is to develop education as a holistic concept and put students at the centre of all concerns.
- (5) Corporate placement through systematic co-ordination between the Department and well-functioning Placement Cell of the College.

Opportunities and challenges provided by the department include:

- (1) Creating an analytical mindset of students and helping students to develop logical



acumen to apply economic concepts to real-world problems.

- (2) Offering a clear perspective on emerging issues at the regional, national and international level.
- (3) Specific emphasis on project-oriented study based on the use of necessary software.
- (4) Exposure to the works of eminent economists and Nobel Laureates such as Joseph
- (5) Stiglitz, Amartya Sen, Paul Krugman, Debraj Ray and Kaushik Basu, to name just a few.

39. Future plans of the department.

- Extension into Masters Course
- Enriching the library to create provision for further research to meet contemporary market demands



Evaluative Report of the Department – Mass Communication and Videography (MCV)

1. **Name of the Department and its year of establishment -**
Mass Communication and Videography (MCV)
2. **Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) –**
UG
3. **Interdisciplinary courses and departments involved –**
Film Studies and Journalism
4. **Annual/ semester/choice based credit system –**
Semester Based credit system
5. **Participation of the department in the courses offered by other departments**
Other departments like Sociology, Political Science, English and Bengali can choose Film Studies and Journalism as an ancillary subject.

6. **Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)**

	Sanctioned	Filled
Professors	NIL	NIL
Associate Professors	NIL	NIL
Asst. Professors	5	5

7. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D.St udentsg uided for thelast 4 years
Ananya Chakraborti	MA	Assistant Professor	Documentary Films	10	Nil
Sharmistha Jha	MA,PG Dip ,SRFTI	Assistant Professor	Film and Video Editing	4	Nil
Ipsita Barat	MA	Assistant Professor	Film Studies	4	Nil



Utsav Chatterjee	MA	Assistant Professor	New Media and Advertising	2	Nil
Shanjuti Dutta	MA, M. Phil	Assistant Professor	Film Studies	2	Nil

8. Percentage of classes taken by temporary faculty – Programme-wise information.
20%

9. Programme-wise Student Teacher Ratio -
1:14

10. Number of academic support staff (technical) and administrative staff:
1 sanctioned 1 filled

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise –
Nil

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received –
Nil

13. Research facility / centre with

- state recognition
- national recognition
- international recognition

 Nil

14. Publications:

* number of papers published in peer reviewed journals (national / international)
Paper titled “A New Cinematic Experience: Bollywood and Social Media” published in referred Journal LUMINAIRE (ISSN: 22492542) Garden City College, Bangalore - 49

Paper titled “Conglomerate structure of media ownership in India” published in referred Journal Wesleyan Journal of Research (ISSN 0975-1386) Bankura Christian College, West Bengal.

Publications

- ‘Bhakter Mandire: Debaki Basur Chalachchitre ‘Nayika’ o tar Porisor’, an essay written for the periodical Tepantar, January 2012.
- ‘Byathar Pujarini: Suchitra Sen-er Taroka-swattar Ekti Bhinno Path’, Charcha, July



2012.

- Co-authored (and translated in Bengali) project report titled Perceptions and Experiences of Reintegration: The Voices of Child Survivors of Sexual Exploitation and practitioners in West Bengal and Jharkhand after completion of the project titled Protection against Vulnerability, the Indian Experience: What Works at School of Women's Studies, Jadavpur University.

- Translation of 'Visual Pleasure and Narrative Cinema' by Laura Mulvey, Alochonachakra.

- * Monographs

- * Chapter(s) in Books

3 (Vishwa Bharati Publication Department and Calcutta University)

Editing Books

1 (Assistant Editor)

- * Books with ISBN numbers with details of publishers Nil

- * number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) Nil

- * Citation Index – range / average Nil

- * SNIP Nil

- * SJR Nil

- * Impact factor – range / average Nil

- * h-index Nil

15. Details of patents and income generated

Nil

16. Areas of consultancy and income generated

Nil

17. Faculty recharging strategies

Nil

18. Student projects

- percentage of students who have done in-house projects including inter-departmental
- percentage of students doing projects in collaboration with industries / institutes

Nil

19. Awards / recognitions received at the national and international level by

- Faculty

3 of the faculty have received National Awards in the field of Documentary film



making, Cinematography and Sound design.

1 of our faculty members is the Vice President of an international women's association of media.

2 of our faculty members are in the selection committee of Kolkata International FilmFestival and 1 is in the selection committee of Mumbai International Film Festival.

- Doctoral / Post-Doctoral fellows

4 of the faculty are doctoral fellows.

- Students

20. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.

Workshop with IIJNM (Bangalore), funded by IIJNM

21. Student profile course-wise:

Name of the Course (refer question no. 2)	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
BSC (MCV)	887	20	30	40	60

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the College	% of students from the state	% of students from other States	% of students from other countries
BSC (MCV)	-	99	1	Nil

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

Nil

24. Student progression

Student Progression	Percentage Against Enrolled
Ug To Pg	35 %
Pg To M. Phil	Nil
Pg To Ph.D	Nil
Ph.D To Post-Doctoral	Nil
Employed	
1. Campus Selection	25 %
2. Other Than Campus Recruitment	5 %
Entrepreneurs	Nil



25. Diversity of staff

Percentage of faculty who are graduates of
the same parent university

from other universities within the State

from other universities from other States

All faculty are graduates of the same parent University except one who is from the
University Of Delhi

**26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the
assessment period –**

NIL

27. Present details about infrastructural facilities

a. Library: The Central Library is well stocked with books on Mass
Communication. The department has a well-stocked library of films both
documentary and fiction covering a wide range of directors.

b. Internet facilities for staff and students

There is internet facility for staff. The classrooms have internet connection which
is password protected.

c. Total number of class rooms

There are 3 audio-visual classrooms and two well equipped studios. One is an exclusive
editing studio and the other is a shooting floor used to teach camera, anchoring and
news script writing to students.

d. Class rooms with ICT facility

e. Students' laboratories

f. Research laboratories

28. Number of students of the department getting financial assistance from College.

1 Student

**29. Was any need assessment exercise undertaken before the development of new
programme(s)? If so, give the methodology.**

BOS meetings were held to contemporize the syllabus to meet Academic and industrial
needs.

30. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does
the department utilize it?

Yes. The BOS members give regular advices on industry and academic needs
which are incorporated in the syllabus when it is restructured.

b. students on staff, curriculum as well as teaching-learning-evaluation and what is
the response of the department to the same?

c. alumni and employers on the programmes and what is the response of the



department to the same?

- 31. List the distinguished alumni of the department (maximum 10)**
As the department is new there no such distinguished alumnus.
- 32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.**
There are regular workshops and special lectures held in the department specific to the concerned paper. Filmmakers, editors, musicians, academicians, photographers have come for various lectures and workshops.
- 33. List the teaching methods adopted by the faculty for different programmes.**
The faculty, when required, uses PowerPoint presentations as well as internet based resources in the classroom. Also, since this course has a lot of requirements which are practical oriented (camera, sound, editing, and photography) equipment and software are used to teach the students.
Software like FCP (editing), Nuendo (sound), HD cameras are used in the department. Film clips are shown and discussed as part of the curriculum.
The department has also procured state of the art equipment and cameras for the students, such as Teleprompters, multi camera set up with talk back facility, switchers and HD cameras. The students have direct access to the studio and gain professional experience through the industry standard equipment.
- 34. How does the department ensure that Programme objectives are constantly met and learning outcomes monitored?**
Monthly Departmental Meetings, regular evaluation of the graph of student performance and results.
- 35. Highlight the participation of students and faculty in extension activities.**
Students are encouraged to enroll themselves with the NSS for which they get social credits.
- 36. Give details of “beyond syllabus scholarly activities” of the department.**
‘Cinematheque’ the annual event of the department of Mass Communication and Videography is held every year which is a national event where students from all over India participate. This event involves short film competition, ad filmmaking competition, documentary competition.
- 37. State whether the Programme/ department is accredited/ graded by other agencies. Give details. –**
No



38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength: Inputs from industry and use of state of the art technology

Opportunity: The media industry needs qualified and trained employees

Challenge: The operations are continuously changing and the syllabus has to incorporate them all constantly.

39. Future plans of the department.

To implement Masters in Mass Communication and Videography, Film Studies and Journalism.



Evaluative Report of the Department – Mathematics

1. **Name of the Department and its year of establishment :**
Mathematics
2. **Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):**
UG courses of Mathematics Honours and Mathematics Ancillary
3. **Interdisciplinary courses and departments involved :**
Nil
4. **Annual/ semester/choice based credit system :**
Semester based credit system
5. **Participation of the department in the courses offered by other departments:**
Conduction of Mathematics Ancillary Courses in Sem 1, Sem 2 and Sem 3

6. **Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)**

	Sanctioned	Filled
Professors	0	0
Associate Professors	2	2
Asst. Professors	5	5

7. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Tarun Bandyopadhyay	M. Phil.Ph. D.	Associate Prof.	Topology	27	--
Diptiman Saha	M.Sc.	Associate Prof.	Mechanics, Numerical Analysis	26	--



Anindya Dey	M.Sc.,M.Phil.	Assistant Prof.	Mechanics, Numerical Analysis	14	--
Rabiul Islam	M.Sc.	Assistant Prof.	Algebra, Topology	6	--
Sucharita Roy	M.Sc.	Assistant Prof.	Mathematical Biology	9	--
Pabitra Debnath	M.Sc.,M. Phil	Assistant Prof.	Topology, Functional Analysis	8	--
Angsuman Das	Ph.D.	Assistant Prof.	Algebra, Cryptography	4	--
Sourav Tarafder	M.Sc.	Assistant Prof.	Mathematical Logic	1	--

8. Percentage of classes taken by temporary faculty – Programme-wise information:
Honours: 0 .06%, Ancillary: 0 .1%

9. Programme-wise Student Teacher Ratio:
1:26

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled:
Nil

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise. :
Nil

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grantsreceived :
Nil

13. Research facility / centre with
○ state recognition
○ national recognition
○ international recognition –
NIL



14. Publications:

* number of papers published in peer reviewed journals (national / international):

- Sourav Tarafder: Peer reviewed journal: “Generalized algebra-valued models of set theory”, Review of Symbolic Logic, Volume 8, Number 1, Cambridge University Press, pp. 192 – 205 (2015).
- Conference proceedings: “Ordinals in an algebra-valued model of a paraconsistent set theory”, Logic and Its Applications, ICLA 2015, LNCS Vol. 8923. Berlin: Springer-Verlag, pp. 195–206, (2015).

Angsuman Das:

- Angsuman Das, Avishek Adhikari and Kouichi Sakurai. Plaintext Checkable Encryption with Designated Checker. Advances in Mathematics of Communication, Volume 9, Issue 1, pp. 37-53, 2015.
- Partha Sarathi Roy, Angsuman Das and Avishek Adhikari. Computationally Secure Cheating Identifiable Multi-Secret Sharing for General Access Structure. ICDCIT 2015, LNCS 8956, pp. 278-287, Springer, 2015.
- Angsuman Das. Quadratic Residue Cayley Graphs on Composite Modulus. ICMC 2015, Springer Proceedings in Mathematics and Statistics, Vol. 139, 277-287, 2015.
- Angsuman Das, Partha Sarathi Roy and Avishek Adhikari. Computationally Secure Robust Multi-Secret Sharing for General Access Structure. ICMC 2015, Springer Proceedings in Mathematics and Statistics, Vol. 139, 123-134, 2015.
- Angsuman Das and Avishek Adhikari. A Note on “On Ciphertext Undetectability”. Tatra Mountains Mathematical Publications, Volume 57, Issue 4, 119-121, 2013.
- Angsuman Das and Avishek Adhikari. Signcryption with Delayed Identification. ICMC 2013, Springer Mathematics and Statistics, Vol. 91, 23-39, 2014.
- Angsuman Das and Avishek Adhikari. Signcryption from Randomness Recoverable PKE Revisited. ICISS 2013, LNCS 8303, pp. 78-90, Springer, 2013.
- Angsuman Das, Sabyasachi Dutta and Avishek Adhikari. Indistinguishability against Chosen Ciphertext Verification Attack Revisited: The Complete Picture. ProvSec 2013, LNCS 8209, pp. 104-120, Springer, 2013.
- Angsuman Das and Avishek Adhikari. On Constructions and Security Notions of Public-key Cryptosystems. (Book Chapter) In Contemporary Topics in Mathematics and Statistics with Applications, Volume-1, Asian Books Private Limited, (ISBN 81-8412132-6), 2013.

* Monographs

* Chapter(s) in Books: **Sourav Tarafder**: A paraconsistent logic obtained from an algebra-valued models of set theory, New Directions in Paraconsistent Logic, Springer, (2015), Accepted



- * Editing Books
- * Books with ISBN numbers with details of publishers
Title: Metric Spaces And Complex Analysis
Author: Amar Kumar Banerjee and Anindya Dey
Isbn: 978-1-906574-95-6
Publisher : New Academic Science Limited, Uk (www.Newacademicscience.Co.Uk)
Year Of Publishing: 2014-15
- * number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) Nil
- * Citation Index – range / average - Nil
- * SNIP - Nil
- * SJR - Nil
- * Impact factor – range / average - Nil
- * h-index – Nil

15. Details of patents and income generated :

Nil

16. Areas of consultancy and income generated :

Nil

17. Faculty recharging strategies :

Faculty Improvement Programme is conducted by the College in every Semester. Department, in association of Society of Theoretical Physics, organized a seminar on 'General Theoty of Relativity' in 2015. Prof. Diptiman Saha took part in a workshop conducted by Jadavpur University in 2014 and in Two Seminars (conducted by Radiophysics Department in 2013 and by Applied Mathematics Department in 2014).During Analytica, lively academic discussions are held between staff and invited experts from reputed Institutes.

18. Studentprojects

- percentage of students who have done in-house projects including inter-departmental :
As part of Curriculum, each student of the Department compulsorily have to undergo Project in Sem 6
- percentage of students doing projects in collaboration with industries / institutes :Nil

19. Awards / recognitions received at the national and international level by

- Faculty

Sourav Tarafder: Delivered a lecture on “Non-classical set theories and logics



associated with them”, The Institute of Mathematical Sciences, Chennai, India, 23 June, 2015. • Presented a paper in “The 6th Indian Conference on Logic and its Applications”, Indian Institute of Technology, Bombay, India, 8 January – 10 January, 2015. • Presented a talk in “The 13th Asian Logic Conference”, Guangzhou, China, 16 September – 20 September, 2013. • Participated and delivered a talk in the workshop, “Workshop on Alternative Set Theory”, University of Amsterdam, The Netherlands, 22 June – 24 June, 2013. • Attended the “6th Young Set Theory Workshop” in Santuario di Oropa, Italy, 10 June – 14 June, 2013.

Visited The Institute of Mathematical Sciences, Chennai, India in the period 10 June – 23 June, 2015. • Short term research visit to the University of Amsterdam, Amsterdam, The Netherlands, 1 June – 10 June, 2014. • Short term research visit to the University of Hamburg, Hamburg, Germany in the period 1 June – 30 June, 2013.

- Member of the “Calcutta Logic Circle” (India). • Member of the “Association for Symbolic Logic” (USA). • Member of the “European Set Theory Society” (Europe).
- Doctoral / Post-Doctoral fellows: Sourav Tarafder: Council for Scientific and Industrial Research (National Eligibility Test: NET) fellowship; Doctoral student; Department of Pure Mathematics, University of Calcutta; 15 October, 2009 – 14 October, 2014.

Angsuman Das:

a. International:

- i. International Conference on Distributed Computing and Internet Technology (ICDCIT 2015), KIIT University, Orissa, India on 6th February, 2015.
- ii. International Conference on Mathematics and Computing (ICMC 2015), Haldia Institute of Technology, West Bengal, India on 9th January, 2015. (2 papers)
- iii. Mathematical Sciences for Advancement of Science and Technology (MSAST - 2014), IMBIC, Kolkata, India from 21st-23rd December, 2014.
- iv. International Conference on Mathematics and Computing (ICMC 2013), Haldia Institute of Technology, West Bengal, India on 26th-29th December, 2013. (Won Best Paper Award)
- v. Mathematical Sciences for Advancement of Science and Technology (MSAST - 2013), IMBIC, Kolkata, India from 21st-23rd December, 2013.
- vi. International Conference on Information Systems Security (ICISS 2013), Indian Statistical Institute, Kolkata, India from 16th-20th December, 2013.
- vii. 7th International Conference on Provable Security (ProvSec 2013), Melaka, Malaysia from 23rd-25th October, 2013.

b. National:

- i. National Seminar on Recent Advances in Mathematics and its Applications (RAMA 2015), University of Calcutta on 12th March, 2015.
- ii. National Seminar On Recent Trends in Mathematics and its Applications (RTMA), Department of Pure Mathematics, University of Calcutta, Kolkata, India on 22nd March, 2013.



- Students : NIL

20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. :

Analytica is organized at National Level every year, funded sometimes by NBHM and sometimes by funding from Industry. Some eminent speakers are invited from outside the state.

Our Department works as the Centre for the Madhava Competition (eastern region) organized by NBHM.

21. Student profile course-wise:

Name of the Course (refer question no. 2)	Application Received	Admitted		Pass Percentage	
		Male	Female	Male	Female
B.Sc.(Math. Honours)	2109	39	19	38	76

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the College	% of students from the state	% of students from other States	% of students from other countries
B.Sc.(Maths)	---	95	5	0

**23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?
15(JAM)**

24. Student progression

Student Progression	Percentage Against Enrolled
Ug To Pg	80%
Pg To M. Phil	Nil
Pg To Ph.D	Nil
Ph.D To Post-Doctoral	Nil
Employed	
1. Campus Selection	10 %
2. Other Than Campus Recruitment	
Entrepreneurs	5 %

25. Diversity of staff

Percentage of faculty who are graduates of the same parent university	100
---	-----



from other universities within the State	0
from other universities from other States	

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. :

1

27. Present details about infrastructural facilities

- a) Library :have Departmental Library containing around 2000 books
- b) Internet facilities for staff and students : Staff Room Computer, Cyber Room, Computer Lab
- c) Total number of class rooms : sufficient
- d) Class rooms with ICT facility :3
- e) Students' laboratories :3
- f) Research laboratories : 1

28. Number of students of the department getting financial assistance from College:
40 Students

29. Was any need assessment exercise undertaken before the development of new programme(s)? If so, give the methodology. :

Feedback from Alumni and eminent Subject Experts were taken into account

30. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it? : Faculty formulate Curriculum; their experience in teaching and student interaction are taken care of thereby.
- b. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same? : Student evaluation is taken care of in Course Designing and in Teaching.
- c. alumni and employers on the programmes and what is the response of the department to the same? :

Nil

31. List the distinguished alumni of the department (maximum 10)

Nil

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts. :

Every year Departmental students organize "Analytica", where students get enriched through invited talk as well as student seminar. Students and Teachers of other Institution also attends the Programme.



- 33. List the teaching methods adopted by the faculty for different programmes:**
OHP, Uploading teaching material to College Website, Student Seminar etc.
- 34. How does the department ensure that Programme objectives are constantly met and learning outcomes monitored? :**
Student Evaluation, Lesson Plans, discussion on published result at term-end examination
- 35. Highlight the participation of students and faculty in extension activities:**
Under NSS Programmes, students visit villages to improve quality of Life there.
- 36. Give details of “beyond syllabus scholarly activities” of the department :**
Students present Paper in Analytica, constructs mathematical models.
- 37. State whether the Programme/ department is accredited/ graded by other agencies. Give details:**
Nil
- 38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department :**
Strengths: Lively Student-Staff relation, Rich Heritage, Up-to-date Syllabus, Availability of infrastructure, relatively good quality of students.
Weakness: Semester mode of study, Abstract nature of subject, lack of sufficient class hours, gradual fall in quality of students.
Challenges: Opening of PG course, maintaining student and teacher quality, managing quality of teaching-learning process in the Semester time frame, creating job opening for students.
- 39. Future plans of the department. :**
Opening PG Course in Mathematics.



Evaluative Report of the Department – Microbiology

- Name of the Department and its year of establishment.**
Microbiology, 2003
- Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**
UG and PG
- Interdisciplinary courses and departments involved**
Teachers are involved in teaching environmental studies and IAS guidance.
- Annual/ semester/choice based credit system :**
Semester System
- Participation of the department in the courses offered by other departments.**
ENVS
- Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)**

	Sanctioned	Filled
Professors		
Associate Professors	2	2
Asst. Professors	8	8

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Arup Kumar Mitra	Msc, Ph. D	Associate Professor	Plant Science	22	2
Kasturi Sarkar	Msc, Ph. D	Assistant Professor	Bio Chemistry	9	
Mahasweta Mitra Ghosh	Msc, Ph. D	Assistant Professor	Bio Chemistry	8	1



Fr. Xavier Savarimuthu	Msc, Ph. D	Assistant Professor	Environmental Science	13	
Madhumita Maitra	Msc, Ph. D	Assistant Professor	Microbiology	7	
Riddhi Majumder	Msc, Ph. D	Assistant Professor	Bio Physics andMolecular Biology	7	
Anindita Banerjee	Msc, Ph. D	Assistant Professor	Plant Science	7	
JaydipGhosh	Msc, Ph. D	Assistant Professor	Bio Chemistry	7	
Lopamudra Roy	Msc	Lecturer	Microbiology	6	
Sudeshna Shyam Choudhury	Msc, Ph. D	Assistant Professor	Bio Chemistry	9	
Debjani Dutta	Msc	Assistant Professor	Microbiology	9	

8. **Percentage of classes taken by temporary faculty – Programme-wise information**
10 %
9. **Programme-wise Student Teacher Ratio -**
UG: - 1:11
PG: - 1:6
10. **Number of academic support staff (technical) and administrative staff: sanctioned and filled –**
3 sanctioned and 3 filled
11. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.**
Dr. Kasturi Sarkar – UGC – 4 Lakhs
Dr. Anindita Banerjee – UGC – 4 Lakhs
Dr. Arup Kumar Mitra – DST – 0.5 Lakhs
12. **Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received**
DBT Star College – 7 Lakhs Approx



13. Research facility / centre with

- state recognition
- national recognition
- international recognition

Central Research Facility with dedicated biology lab 4 degree room, plant and animal tissue culture room

14. Publications:

* **number of papers published in peer reviewed journals (national / international)**

Peer Reviewed Journals:

- 1) Bal, J., Rai, R., Chang, V; Banerjee; MalakarD, and Mitra, A.K. (2010) Characterization of pathogenic bacteria isolated from rust infected coffee leaves. *Avikaar: A Xav.Jour.Res.* 2: 95-99.
- 2) Mitra,A.K.,Banerjee,P.,Saha, G, Lahiri,P,Mukherjee,I,Bhattacharya,A(2010) Agonistic association of Lepidoptera and fungus in the development of leaf spot disease in high altitude mango and its control. *Jour.of Phytoology*, 2(7):28-36.
- 3) Soumi Sinha Roy, AnweshSaha, Gaurav Saha, PritamNaskar, Arindam Ghatak and Arup Kumar Mitra (2011) Role of saline tolerant *Aspergillus* spp. in calcium recycling from sea urchin shell. *Avikaar: A Xav.Jour.Res.* 3: 17-27.
- 4) Ganguly,S,SinharoyS,AcharyaD,Sengupta,M,Shome,D,Baidya,M and Mitra,A.K. (2011) Possible invasion of terrestrial bacteria into marine algal consortium. *The IUP Journal of Life Sciences.* 5(2):7-14.
- 5) Acharya, D,Baishya,R,Saha,S,Sil,P,Majumdar,S and Mitra,A.K.(2011)Agonistic phyllosphere consortium of microbes in the development of leaf spot disease of high altitude fern. In “Plant diseases and their biological control” Ed.A.Singh.Avishkar Publishers, Jaipur, India Pp.276.
- 6) Chandra,A,Saha,G,Goswami,S,Saha,A,SinhaRoy,S,Ganguly,P,Ghosh,A,Banerjee, K,Saraf ,R, Banerjee and Mitra,A.K(2011)Effectivity of vehicular banning and its reflection in Disease incidence in Kolkata. *Nature Environment and Pollution Technology.*10 (3):491-496.
- 7) Mandal,A.,Ali,A.,Mitra,A.K.,Ghosh.,and Chandra, A. (2011) Effect of Sponge iron effluent on common roadside weeds in Durgapur, West Bengal. *Proceedings of the 3rd International Conference on Ecotoxicology and Environmental Sciences.* Organized by IEES in Panaji, GoaEd.B.Bhattacharya, A.Ghosh and S.K.Majumdar. *Mudrakar, Kolkata*Pp.292.
- 8) J.Bal, Rai, R., Chang, V and Mitra, A.K. (2011) Suppression of leaf blight infection by *Hemileiavastatrix* in roadside coffee plantations. In *Environmental Pollution and Ecological Impacts, Health Issues and Management.* Ed.B.Bhattacharya, A.Ghosh and S.K.Majumdar. *Mudrakar, Kolkata*Pp.152.
- 9) Mukherjee,A.,Islam,R.,Bhattacharya,A.,Bose, S,Matharu,S.K.,Mukherjee,S. and



- Mitra, A.K.(2011) Identification and characterization of zinc solubilizing bacteria isolated from mixed sewage of East Kolkata wetlands. *Nature Environment and Pollution Technology*10 (4):657-660.
- 10) Datta,R, Ghosh,A.,Sengupta,D. Ghosh,M. Mal,A.,Dey,S and Mitra,A.K.(2011)Molecular Identification of a bacterial pathogen reducing shelf life of *Agaricusbisporus* and its prevention.*Jour.Mycopathol.Res.*49(2):301-307
- 11) Mitra, A.K., Banerjee, A., Sinha, S. and Chakraborty (2012) Characterization of a Cyanobacterial colony from an artificially illuminated speleothem cave in Andhra Pradesh. *Plant Sciences Feed.* 2(2):11-14.
- 12) Mitra, A.K., Majumder,R, Adhikari,A,Banerjee,K,Sen,N, Barman,P and Datta,R(2012) Possible threat to sandbinders from dual action of airborne pathogen and pollutant. . *Plant Sciences Feed.* 2(8):112-115.
- 13) Sen,S,Mandal,S,Mullick,A,Kundu,S,Goswamy,D,Mukerjee,S,Das,M and Mitra,A.K (2012)Isolation of unique Gram positive rods from diseased rice leaves.*Int.Jour.Scientific and Res.Pub.*2(10):1-7.
- 14) Mukherjee,S, Saha,A,Ram,A.K, RoyChowdhury,A and Mitra,A.K.(2012) Identification and Characterization of a green pigment producing bacteria isolated from Bakreshwar Hot Spring, West Bengal,India.*International Journal of Environmental Science and Research.*2(1):126-129.
- 15) Chakraborty,R, Mitra,A.K.,SinhaRoy,K, Mukherjee,S and Kumar,S. (2012) Isolation and Characterization of Cr (VI) Tolerant bacteria from tannery waste and its bioremediation potential. *J.EnvIRON. Sc and Engg.*54 (2): 294-305.(I.F:0.9)
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* **Chapter(s) in Books**

Books:

- 1) Dutta, S.C, Rath, N.R. and Mitra, A.K. (2011) *Jib Bigyan Parichay*, Volume I Book Syndicate Pvt. Ltd. Kolkata, Pp.1450.
- 2) Mitra, A.K., Chattopadhyay, D and Chanda, S (2013) *A Text Book of Biology*. Book Syndicate Private Limited, Kolkata. Pp.2016.
- 3) Mitra, A.K. and Sarkar, K (2013) *Practical Manual of Modern Microbiology*. Himalaya Publishing House. New Delhi. Pp.221.
- 4) Mitra, A.K (2014) *Better Orientation for Undergraduate Students*. In Science Education Beyond High School, CARE publication, SINP, Kolkata. Pp.56.
- 5) Kasturi Sarkar. Contributed a paper titled 'Threatning Future: Random use of Medicines' in the book 'Environmental pollution on biosphere and its management', The Icfai University Press. Volume I; 2009: 163-169.
- 6) Saptarshi Sinha, Debayan Sarkar and Kasturi Sarkar. Contributed a paper titled 'Effect of prebiotic molecules on the growth of probiotic organisms and their combined effect on human' in the book 'Environmental pollution on biosphere and its management', The Icfai University Press. Volume II; 2009: 86-92.
- 7) Dutta, S.C; Rath, N.R and Mitra, A.K. (2015) *Jib Bigyan Parichay*, Volume I Book Syndicate Pvt. Ltd. Kolkata, pp.1438. ISBN 978-81-89019-61-7.
- 8) Mitra, A.K, Chattopadhyay, Chandra, S. (2015) *A Text Book of Biology*, Volume II. Book Syndicate Pvt. Ltd. Kolkata, pp.594. ISBN 978-81-89019-84-6.



10) Mitra,A.K and Chattopadhyay,D (2015) Life Science and Environment for Class X. New Book Syndicate Pvt.Ltd.

* **Editing Books**

Books with ISBN numbers with details of publishers

1. Mitra, D and Mitra A.K. (2009) Environmental pollution on biosphere and its management. (Ed) Volume II. ICFAI University Press, Hyderabad. Pp.256.
2. Dutta, S.C, Rath, N.R. and Mitra, A.K. (2011) Jib Bigyan Parichay, Volume I Book Syndicate Pvt. Ltd. Kolkata, Pp.1450.
3. Mitra, A.K., Chattopadhyay, D and Chanda, S (2013) A Text Book of Biology. Book Syndicate Private Limited, Kolkata. pp.2016.
4. Mitra,A.K. and Sarkar,K (2013) Practical Manual of Modern Microbiology. Himalaya Publishing House. New Delhi. Pp.221.

* number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

* **Citation Index – range / average 1**

* **SNIP – 0.77**

* **SJR – 0.489**

* **Impact factor – range / average – 1.5 in general**

* **h-index - Nil**

15. Details of patents and income generated –
Nil

16. Areas of consultancy and income generated –
Nil

17. Faculty recharging strategies
Attending to seminar, workshop in relevant fields like Bioinformatics

18. Student projects

- percentage of students who have done in-house projects including inter-departmental
- percentage of students doing projects in collaboration with industries / institutes

All the students are involved in in-house projects in collaboration with Chemistry and Statistic departments, working under a teacher mentor and presenting the results in National and international Programme including Indian Science Congress.

19. Awards / recognitions received at the national and international level by

- Faculty



○ Doctoral / post-doctoral fellows

○ Students

Nil

20. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.

Modern Trends in Microbiology – National Annual Event through Sponsorship

21. Student profile course-wise:

Name of the Course (refer question no. 2)	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
UG Microbiology					
1. 2011-12	1034	16	34	100%	100%
2. 2012-13	780	20	39	100%	100%
3. 2013-14	1115	12	32	100%	100%
4. 2014-15	1158	17	34	100%	100%
PG Microbiology					
1. 2011-12	219	7	20	100%	100%
2. 2012-13	295	7	23	100%	100%
3. 2013-14	242	10	25	100%	100%
4. 2014-15	209	5	17	100%	97%

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the College	% of students from the state	% of students from other States	% of students from other countries
UG Microbiology	NA	88%	10%	2%
PG Microbiology	5-10	95%	5%	NA

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

Students clear NET, SLET, GATE and other competitive exams but we don't have any specific record to indicate the exact number of students qualifying these examinations. Students only informally inform us about their success.

24. Student progression

Student progression	Percentage against enrolled
UG to PG	100%
PG to M. Phil.	50%
PG to Ph.D.	80%
Ph.D. to Post-Doctoral	75%



Employed <ul style="list-style-type: none">• Campus selection• Other than campus recruitment	15%
Entrepreneurs	Nil

25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	70%
from other universities within the State	10%
from other universities outside the State	20%

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

Sudeshna Shyam Choudhury, Assistant Professor (June, 2012)

27. Present details about infrastructural facilities

- Library – College Central Library and also a PG departmental Library
- Internet facilities for staff and students – Staffs are provided with internet facility in the departmental staff room and students have common Cyber Room.
- Total number of class rooms – B. Sc – 3, M. Sc - 2
- Class rooms with ICT facility – 5
- Students' laboratories – 3
- Research laboratories – Microbiology Scholar Laboratory along with a Central Research Facility for Bio Sciences and Physical Science.

28. Number of students of the department getting financial assistance from College.

On principle the college gives scholarship in terms of fee waiver to 4 students of the post graduate department. The students of under graduate get scholarship various Government Agencies like DST, Inspire Programme, JBNSTS etc.

29. Was any need assessment exercise undertaken before the development of new programme(s)? If so, give the methodology.

At the time of revising the syllabus the competitive examination syllabus was considered and accordingly the modifications were made and new topics were added these include the Bio-informatics and also eukaryotic molecular biology.

30. Does the department obtain feedback from

- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
There are two Board of Studies meeting on the curriculum development and delivery where student performance is discussed and relevant corrections are made.
- students on staff, curriculum as well as teaching-learning-evaluation and what is



the response of the department to the same?

Every students provide an online feedback at the end of the course (UG and PG) which is given back to the concerned teachers by the respective Vice Principals and rectifications are made on that basis.

- c. alumni and employers on the programmes and what is the response of the department to the same?

Informal meetings are taking place with the old students whose feedback clearly reflects in the curriculum which has resulted in wide acceptability of our students in Doctoral Programmes. The companies that come for placement also gives their feedback in terms of student preparation and accordingly students are allowed to participate in different seminar or workshop.

31. List the distinguished alumni of the department (maximum 10)

- Bharat Baidynathan research scholar Cornel University
- Rupa Mukherjee research scholar in University of Cambridge

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Annual Seminar entitled “Modern Trends in Microbiology” is held every year since 2004 which include expert lecture and student presentation.

Guest lecture are organized by the department for the post graduate students.

33. List the teaching methods adopted by the faculty for different programmes.

Traditional board work, PPT, handouts and audio-visual lectures delivered by the faculty members in the UGC-CEC channel.

34. How does the department ensure that Programme objectives are constantly met and learning outcomes monitored?

This is possible through close monitoring by the Head of the Department and the year wise mentors.

35. Highlight the participation of students and faculty in extension activities.

Majority of the students in 3rd year are involved in social service programme organised by Rotary Clubs and corporate participating in CSR activities.

36. Give details of “beyond syllabus scholarly activities” of the department.

- Publication in peer reviewed journals involving UG and PG students
- Paper presentation in National and International Seminar
- Participation in Science Congress
- Participation in summer training programme in industry and institute.

37. State whether the Programme/ department is accredited/ graded by other



agencies. Give details –

Nil

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths

1. Strong teacher student relationship
2. Students do not require any private tuition
3. Opportunity to participate in national and international seminar
4. Faculty from all Major discipline of Microbiology
5. Modern Syllabus

Weakness

1. Paucity of Space
2. Weaker students some time suffer even after remedial classes

Opportunities

1. Students may need more exposure in terms of Placement
2. Students can participate in inter disciplinary Programme along with other science department
3. Students can do more wet lab experiments in their dissertation work

Challenges

1. To attract better quality students for the post graduate Programme
2. To expose them to quality techniques in terms of hand on

39. Future plans of the department.

To undertake a comprehensive Programme involving upliftment of the entire faculty in terms of research and publication involving students.



Evaluative Report of the Department –Multimedia and Animation (BMM)

- Name of the Department and its year of establishment**
Department of Multimedia
From 2010 we were running an Under Graduate (BMM)
From 2014 we have upgraded to Post Graduate (M.Sc.)
- Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**
Integrated Masters in Multimedia for 5 yrs. (with an exist after 3 years)
- Interdisciplinary courses and departments involved-**
Nil
- Annual/ semester/choice based credit system–**
Semester based Credit System
- Participation of the department in the courses offered by other departments –**
Nil
- Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)**

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	Nil	6
Teaching Assistants	Nil	2
Guest Professors	Nil	3

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D.St udentsg uided for the last 4 years
Prof. Fr. Dejus John Retnam	M.Sc. in Animation	Assistant Prof.	Animation, Video Production	15 yrs	



Prof. Tamal Mitra	Master of Visual Arts	Assistant Prof.	Fine Arts and Design	15 yrs	
Prof. Ipsita Barat	M.A.	Assistant Prof.	Film and Video Production	6 yrs	
Prof. Palran Biswas	M.A in Mass communication and Journalism	Assistant Prof	Animation, VFX, Compositing	8 yrs	
Prof. Sourav Ghosh	M.A in Mass communication and Journalism	Teaching Assistant	Fine Arts and Animation	9.5 yrs	
Prof. Sankha Banerjee	Master of Visual Arts	Assistant Prof	Fine Art and Design	9.5 yrs +	
Prof. Shaubhik Mukherjee	Diploma in Animation	Teaching Assistant	Graphics and Web designing	7 yrs	
Prof. Shantanu Paul	M.A	Guest Prof.	2D Animation	10 yrs	
Prof. Soumya Suvra Das	M.A in Film Studies	Guest Prof.	Visual Culture	10 yrs	
Prof. SubhadeepSengupta	P.G Diploma in Sound Design	Guest Prof	Sound	15 yrs	

8. Percentage of classes taken by temporary faculty – Programme-wise information

Programme Name	Percentage of classes taken by temporary faculty
PG	--
UG	(16/72)=22%

9. Programme-wise Student Teacher Ratio

1:30

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled

Number of academic Support Staff (Technical)	2
Number of academic Support Staff (Non-Technical)	1
Number of Administrative Staff	0



11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.-

Nil

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received

Nil

13. Research facility / centre with–

Nil

14. Publications:

Prof. Sankha Banerjee

Graphic Novel/ Sequential Art:

1. Nelson Mandela; Une vie au service de la liberte; Illustration, design.

ISBN no: 979-10-93111-00-1

Published on: February- 2014

Publisher- 21g-Une marquee de Blue Lotus Prod, Paris, France.

2. Mere Teresa De Calcutta; Au nom des plus pauvres parmi les pauvres: Design

ISBN no: 979-10-93111-06-3

Published on: November- 2014

Publisher- 21g-Une marquee de Blue Lotus Prod, Paris, France.

News Paper:

1. Illustrations

Date: 10th August 2014

Publisher: Ei Samay

RNI No. WBBEN/2012/47999

2. Illustrations

Date: 12th October 2014

Publisher: Ei Samay

RNI No. WBBEN/2012/47999

3. Article and Illustration at editorial page

Date: 9th January 2015

Publisher: Ei Samay

RNI No. WBBEN/2012/47999

4. Art review about the artist

Date: 21st June 2014

Publisher: The Telegraph

REGISTERED KOL RMS/232/2013-2015

RNI No. 41028/82



Prof. Ipsita Barat

1. Paper titled "A New Cinematic Experience: Bollywood and Social Media" published in refereed Journal LUMINAIRE (ISSN: 2249-2542) published by Garden City College, Bangalore-49
2. Book Chapter "Narrative conventions of popular Hindi cinema" in 'Structure and Dimensions of Screen Writing: An ODL Initiative' by Netaji Subhas Open University
3. Paper titled "Conglomerate structure of media ownership in India" published in referred Journal Wesleyan Journal of Research (ISSN 0975-1386) Bankura Christian College, West Bengal.
4. Bollywood Film Industry: Economics, Industry and Institution – EPW
5. What is Bollywood - Testo

15. Details of patents and income generated – Nil

16. Areas of consultancy:

Fr. Dejus J.R. SJ

- has given the last of 3 phase programme to camera and video editors of Madha TV (Tamil Nadu Catholic Bishop's satellite TV channel) on Visual story telling from 25th to 30th of June in Santhome Communication Centre, Chennai.
is part of Technical Committee of EMMRC Kolkata for setting up of a new centre in EM Bypass, Kolkata and had meetings on 5th and 6th October, and regularly visiting the new and old place of EMMRC.

Mr. Saubhik Mukherjee

- was part of Modi Digital India, NIC as UI designer

17. Faculty recharging strategies

Ipsita Barat has completed UGC sponsored Orientation Programme at Jadavpur University from 15.12.14 to 13.01.15

18. Student projects

- **percentage of students who have done in-house projects including inter-departmental**

Total no. of Project	Done in House Project	Percentage of Project Done
210	210	99%

- **percentage of students doing projects in collaboration with industries / institutes**

"Kolkata Bloggers" had organized an online competition for short story writers. The best 20 were selected and given to young illustrators in Kolkata. Seven of



our students were extremely proactive in driving the entire project. This was published by Oxford Press and the name is “Tales to Tell” on 6th September 2015.

19. Awards / recognitions received at the national and international level by

o **Faculty**

Mr. Subhadeep Sengupta received National Award for best Sound Design for a feature film in 2010

Mr. Tamal Mitra was part of Site Specific Installation and International Art works of Boat Makers.

Sankha Banerjee was invited Author / Artist in:

1. Salon du Livre,

Espace Landowski, Paris, France.

December 2014

Organizer: Ville de Boulogne-Billancourt

Invited by: Publisher- 21g-Une marquee de Blue Lotus Prod, Paris, France.

2. The Angouleme International Comics Festival 2015:

Place: Angouleme, France.

29th January- 1st February 2015

Organizer: 9eART+ Societe Organisatrice du Festival

Invited by: Publisher- 21g-Une marquee de Blue Lotus Prod, Paris, France.

o **Doctoral / Post-Doctoral fellows-** Nil

o **Students**

20. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.

Nil

21. Student profile course-wise:

Name of the Course (refer question no. 2)	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
Bachelors in Multimedia	232	30	33	74	74

22. Diversity of Students

Name of the Course (refer question no. 2)	%students from the state	%students from other States	%students from other countries
BMM	87	13	Nil

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

Nil



24. Student progression

Student progression	Percentage against enrolled
UG to PG	50%
PG to M. Phil	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection	21 %
• Other than campus recruitment	30%
Entrepreneurs	Nil

25. Diversity of staff

Percentage of faculty who are graduates of the same	--
from other universities within the State from other	2 from Rabindra Bharati University
Universities from other state	3 from Central University 1 from UK

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. –

Nil

27. Present details about infrastructural facilities

a. Library

There is a Central Library in Our Collage, Also we have different types of creative books for Teaching Staff and Student in our Multimedia Department.

b. Internet facilities for staff and students

There are 70 Apple i-Mac, 2 MacPro, and 40 Windows Based Systems in our department, and all the systems are connected.

c. Total number of class rooms

Room Type	Purpose	No. of Room
Apple i-Mac Lab	For Computer Practical Class	2
Windows Based Lab	For Computer Practical Class and Practice	1
Light Box Lab	For 2D Classical Animation	2
Lecture Room	For Theory Class	2
Drawing Room	For Creative Drawing	1
Total No. of Room		8

d. Class rooms with ICT facility

All the classes and studios are fitted with Audio / Visual facility



- e. **Students' laboratories** - Four Student Laboratories.
- f. **Research laboratories** –Nil

28. Number of students of the department getting financial assistance from College.
25% of the deserving candidates are getting financial assistance.

29. Was any need assessment exercise undertaken before the development of new programme(s)? If so, give the methodology.

We were happy to upgrade our system from BMM (UG) to M.Sc. Integrated (PG).

The process was:

- when we met our outgoing students of BMM, they had raised a concern that in Western India we do not have PG course in Multimedia and Animation and PG university course in India as such.
- The staff also wanted to take the call and initiate the process for PG course
- The staff met Principal and Academic council secretary
- They met the UGC in Delhi
- UGC did not have any objection and had asked them to give an exit after 3 years if anybody wanted to leave
- It was approved in Core Committee and Academic council
- In 2014 we began the 1st batch of students for M.Sc. in Multimedia.

30. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Since our department is practical and project based learning, the students constantly keep in touch with the guides and HOD. This year the college initiated the process of Student Mentor System to talk to the students who find difficult with the studies.

b. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

The college has a system of evaluating staff objectively in a different scale system. Father Principal calls and gives us the report and tells us what is expected of us individually. Apart from this students meet the staff and tell what they feel regarding the teaching or of the curriculum. They also meet the head of the department to tell about teaching of staff and curriculum, which are taken up and the concerned staff is informed without the giving the name of the student.

c. alumni and employers on the programmes and what is the response of the department to the same?

We get constantly the alumni here. They are happy to see the growth of the department which groomed them to be one. Most of the people who are in industry find difficult to come personally, but they are very helpful when they see their juniors who go for internship or for the job. They become helping hand.



31. List the distinguished alumni of the department (maximum 10)

Our department is comparatively new and only three groups have passed out of the college. We are happy to list some.

- Sayantan Mukherjee is Creative and Development officer in Viacom18 Motion pictures
- Promit De has just returned from Canada after completing his studies in sound and specially in DTS.
- Anag is in IIT doing his PG
- Dipanjan, Somya, Pritha, Sourav, Gourav and Sukanya is in NID doing their PG
- 22 of them in Cognizant infotech

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

- 1st year students are given one day seminar on Photography in different genre
- Our students are given special workshop: Art Workshop

33. List the teaching methods adopted by the faculty for different programmes.

- Students are taken to Art Gallery / Museum visit
- Outdoor life study
- Outdoor photography at different time
- Outdoor video shooting and choosing the place for the project

34. How does the department ensure that Programme objectives are constantly met and learning outcomes monitored?

Since we have lots of assignment of drawing, photography, video, image editing and 2D and 3D animation, students constantly have to meet the mentors, specialized in the field and head of the department.

35. Highlight the participation of students and faculty in extension activities.

- Our students are interested in projects like College to Village Programme conducted by NSS of our college
- Many of our students are involved in XADAM activities
- When college conducts periodically seminars and workshops for teaching and non-teaching staff, we actively participate

36. Give details of “beyond syllabus scholarly activities” of the department.

- Our students help out in designing and layout of our college magazine “Xaverian”
- In a year at least 2 films are made by each students, which are sent for national and international film festivals.
- Award won for students films:



Amie Sei Meye

-by Dipayan Saha

- Imago,2011

Asamapto

-by Hiya Deb,Sukanya Paul, Sahbaz Ahmed

-Imago,2011

Abyss

-by Dipayan Saha, Pratyusha Dutta, Diponmesh Paul

Cinemela,2014-Best Animator

Reel to Real,2014-Best Editor

Kolkatata International Film Festival, 2014

Abhisar

-by Dipayan Saha

Reel to Real,2014

Kolkatata International Film Festival, 2014

Laal Isqk

-by Hiya Deb, Mrityika Mukherjee, Dyuti Banerjee

Reel to Real,2014

Kolkatata International Film Festival, 2014

Global Warning

-by Madhurai Bannerjee, Chandrima Ghosh

Kolkatata International Film Festival, 2014

Nirobe

-by Hiya Deb, Mrityika Mukherjee,Dyuti Banerjee

Cinematheque,2014

Coca Cola Addvertisement

-by Hiya Deb

Cinematheque,2015- Runners Up

BADDHO, encouragement award. By Dipanjan Dutta Choudhuri, Ankana Sarkar,

Anagh Saha [Chitrakatha 2013]

MOBA,2nd prize[graphic novel] by Soumik Sil [Chitrakatha 2013]

37. State whether the Programme/ department is accredited/ graded by other agencies. Give details.

- Our courses are under University of Calcutta and approved by UGC
- NAAC team also accredit the same

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths:

- We have good faculty who were in the field of Art, Design, Video, 2D and 3D Animation



- We have a very good infrastructure with state of the art computer labs, light box rooms, and class room fitted with A/V facility

Weakness:

- We do not have PhD scholars
- No interaction with other colleges of this kind

Challenges:

- The technology always changes. We need to keep up-to-date with the outside world and need of the time.

39. Future plans of the department.

- Recruit some PhD scholars and make this as a place for higher learning
- When our EM Bypass campus is ready, we should move there to be part of the media hub
- We need to collaborate with outside industry



Evaluative Report of the Department – Physics

1. Name of the Department and its year of establishment:

Physics

2. Name of the programmes/courses offered:

UG and PG

3. Interdisciplinary courses and departments involved:

None

4. Annual/ Semester /Choice based credit system:

Semester

5. Participation of the department in the courses offered by other departments :

NIL

6. Number of teaching sanctioned and filled (Professors/ Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors	None	None
Associate Professors	4	4
Assistant Professors	3	7

7. Faculty Profile with name, designation, specialization

Name	Qualification	Designation	Specialization	No. of years' experience	No. of Ph.D. students guided for the last 4 years
Dr. Subhankar Ghosh	M.Sc. Ph.D.	Associate Professor	Materials Science	19	
Dr. Tapati Dutta	M.Sc. Ph.D.	Associate Professor	Pattern formation, porous media, Computational Fluid Mechanics and Biofilms	25	3



Dr. Sarbari Guha	M.Sc. Ph.D.	Associate Professor	Cosmology and General Relativity	24	1
Dr. Saunak Palit	M.Sc. Ph.D.	Associate Professor	Optics and Photonics	19	
Dr. Soma Ghosh	M.Sc. Ph.D.	Associate Professor	Crystallography	17	
Dr. Indranath Chaudhuri	M.Sc. Ph.D.	Assistant Professor	Statistical Mechanics	15	
Dr. Shibaji Banerjee	M.Sc. Ph.D.	Assistant Professor	Particle Physics	12	
Dr. Suparna Roy Chowdhury	M.Sc. Ph.D.	Assistant Professor	Astrophysics	9	
Dr. Tanaya Bhattacharya	M.Sc. Ph.D.	Assistant Professor	Quantum Integrable Systems	6	
Dr. Sudipto Roy	M.Sc. Ph.D.	Assistant Professor	Solid State Physics and Cosmology	4	
Dr. Sailendra Narayan Roy Choudhury	M.Sc. Ph.D.	Assistant Professor		6	
Prof. Gayatri Banerjee	B.Sc. (Honours.) B.Tech.	Assistant Professor	Electronics	4	

8. Percentage of classes taken by temporary faculty – Programme-wise information

M.Sc. Physics : 1st year – 8%, 2nd year – 33%

9. Programme-wise Student Teacher ratio

UG: - 1:13

PG: - 1:4

10. Number of academic support staff (technical) and administrative staff:

sanctioned and filled: Sanctioned –

3, Filled - 5



11. Number of staff with ongoing projects from (a) national (b) international funding agencies and (c) total grants received. Mention names of funding agencies and grants received project-wise.

1	Name:	Subhankar Ghosh
	Department:	Physics
	Title of Project:	Studies on The Micro Structural and other Physical Condition.
	Funding Authority:	UGC
	Nature :	Minor
	Grant:	Rs. 1,72,000
	Starting Date :	January 2009
	Status:	Completed
2	Name:	Subhankar Ghosh
	Department:	Physics
	Title of Project:	Structural Applications
	Funding Authority:	UGC
	Nature :	Major
	Grant:	Rs. 25,42,871
	Starting Date :	February 2011
	Status:	Completed (January 2014)
3	Name:	Tapati Dutta
	Department:	Physics
	Title of Project:	Wetting, spreading and adhesion of complex fluids (34-I,(WR) (SR) 2009-2012(COPI))
	Funding Authority:	UGC
	Nature :	Major
	Grant:	Rs. 11,00,000
	Starting Date :	2009
	Status:	Completed (2012)
4	Name:	Tapati Dutta
	Department:	Physics
	Title of Project:	Effect of competing mechanical and electromagnetic perturbation on formation of surface cracks (Co-Pi)
	Funding Authority:	DST (No. DST/INT/JSPS/P-128/11)
	Nature :	Major



	Grant:	Rs. 4,00,000
	Starting Date :	2011
	Status:	Completed (2013)
5	Name:	Tapati Dutta
	Department:	Physics
	Title of Project:	Mineral-Fluid interaction model for CO ₂ sequestration
	Funding Authority:	IFCPAR (Project 4409-1) (CEFIPRA)
	Nature :	Major
	Grant:	Rs. 10,00,000
	Starting Date :	2011
	Status:	Completed (2014)

12. Departmental projects funded by DST-FIST, DBT, ICSSR, etc.; total grants received–

One Major project of Dr. Tapati Dutta is been funded by DST and the total grant for that project is Rs. 4 Lakhs.

13. Research facility/ centre with

- State recognition
- National recognition: Central Research Facility (DST FIST)
- International recognition

14. Publications:

- Number of papers published in peer reviewed journals: 20

Dr. Tapati Dutta

1. Crack patterns in desiccating clay-polymer mixtures with varying composition Nag, S., Sinha, S., Sadhukhan, S., Dutta, T., Tarafdar, S. 2010 Journal of Physics Condensed Matter 22 (1), art. no. 015402
2. Crack formation in composites through a spring model Supti Sadhukhan, Tapati Dutta, Sujata Tarafdar, Physica A 390 (2011) 731-740
3. Spreading of fluids on solids under pressure: Slip and stick effects, Soma Nag, Tapati Dutta, Sujata Tarafdar, J. Coll. Interface sci. 35(2011) 293-297
4. Spreading of Non-Newtonian and Newtonian Fluids on a Solid Substrate Under Pressure, M. Dutta Choudhury, S. Chandra, S. Nag, S.Das, S. Tarafdar, J. Phys. Conf. Series 319 (2011) 012006
5. Electric-field-induced crack patterns: Experiments and simulation, Tajkera Khatun, Moutushi Dutta Choudhury, Tapati Dutta, Sujata Tarafdar, Phys. Rev. E 86 (2012), 016114



6. Fractal pore structure of sedimentary rocks: Simulation in 2-d using a Relaxed Bidisperse Ballistic Deposition Model A Giri, S Tarafdar, P Gouze, T Dutta - Journal of Applied Geophysics, 87 (2012) 40-45
7. Sadhukhan S., Gouze P., Dutta T. Porosity and permeability changes in sedimentary rocks induced by injection of reactive fluid: A simulation model // Journal of Hydrology. 2012. Vol. 450-451. P. 134–139
8. Multifractal Growth of Crystalline NaCl Aggregates in a Gelatin Medium, Abhra Giri, Moutushi Dutta Choudhury Tapati Dutta and Sujata Tarafdar, Cryst. Growth Des., 13, pp 341?345 (2013)
9. Fractal geometry of sedimentary rocks: Simulation in 3D using a Relaxed Bidisperse Ballistic Deposition Model, , A Giri, S Tarafdar, P Gouze, T Dutta, Geophysical Journal International (doi: 10.1093/gji/ggs084,2012)
10. Experiment and simulation of multifractal growth of crystalline NaCl aggregates in aqueous gelatin medium, T Dutta, A Giri, M Dutta Choudhury, S Tarafdar, Colloids and Surfaces A:Physico chem.Eng.Aspects 432 (2013) 127131
11. Pattern formation in droplets of starch gels containing NaCl dried on different surfaces, M DuttaChoudhury, T Dutta, S Tarafdar, Colloids and Surfaces A:Physico chem.Eng.Aspects 432 (2013) 110118
12. Crack formation in Laponite gel under AC fields, Tajkera Khatun, Tapati Dutta, Sujata Tarafdar, Applied Clay Science 86 (2013) 125128
13. Crack Formation under an Electric Field in Droplets of Laponite Gel: Memory Effect and Scaling Relations, Tajkera Khatun, Tapati Dutta, Sujata Tarafdar, Langmuir, 29, 15535-15542 dx.doi.org/10.1021/la404297k (2013)
14. Competition between cracking and peeling in composites: a simulation in 2-d, Tapati Dutta, Sujata Tarafdar, J Mater Sci DOI 10.1007/s10853-014-8456-0 (2014)
15. Crack Formation on a Drying Droplet in the Presence of Static Electric Field, T. Khatun, T. Dutta and S. Tarafdar, J. Surface Sci. Technol., Vol 30, No. 1-2, pp. 17-33, (2014)
16. . Sadhukhan S., Gouze P., Dutta T. A simulation study of reactive flow in 2-D involving dissolution and precipitation in sedimentary rocks // Journal of Hydrology. 2014. Vol. 519, no. PB. P. 2101–2110
17. Topology of desiccation crack patterns in clay and invariance of crack interface area with thickness, Tajkera Khatun, Tapati Dutta, and Sujata Tarafdar, Eur. Phys. J. E (2015) 38, 83
18. Growth kinetics of NaCl crystals in a drying drop of gelatin: transition from faceted to dendritic growth, Moutushi Dutta Choudhury, Tapati Dutta and Sujata Tarafdar, Soft Matter, (2015), 11, 6938 – 6947
19. Multi-scale patterns formed by sodium sulphate in a drying droplet of gelatin, Biswajit Roy, Moutushi Dutta Choudhuri, Tapati Dutta, Sujata Tarafdar, Applied Surface Science 357 (2015) 10001006



20. Multifractal analysis of the pore space of real and simulated sedimentary rocks, Abhra Giri, Sujata Tarafdar, Philippe Gouze and Tapati Dutta, Geophys. J. Int. (2015) **200**, 1108–1117

Book

1. Effect of Chemical Kinetics on the Permeability of a Porous Rock: Scaling by Concentration of Active Fluid, **T. Dutta**, S. Sadhukhan and S. Tarafdar in Dynamical Systems and Methods, ed. A.C.J. Luo, J.A.T. Machado and D. Baleanu (Springer, New York, 2012) ISBN 978-1-4614-04538
 2. Desiccation Cracks and their Patterns: Formation and Modelling in Science and Nature, Lucas Goehring, Akio Nakahara, Tapati Dutta, So Kitsunozaki, Sujata Tarafdar ISBN: 978-3-527-41213-6, Wiley-VCH(2015)
- Monographs: 1
 - Chapter(s) in books: 1
 - Editing books
 - number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) – 4
 - Citation Index – range / average – 6 Average
 - SNIP – Nil
 - SJR – Nil
 - Impact factor – range / average – 2.5
 - h-index – Nil

15. Details of patents and income generated:

Nil

16. Areas of Consultancy and Income generated:

Nil

**17. Faculty Recharging strategies:
Organizing Workshops and Symposia.**

18. Student projects

- percentage of students who have done in-house projects including inter-departmental
- percentage of students doing projects in collaboration with industries / institutes

Both B.Sc. and M.Sc. students do projects in their final year, under the supervision of faculty members of the department.

19. Awards / recognition received at the national and international level by

- Faculty



- Doctoral / post-doctoral fellows
- Students

20. Seminars/ Conferences/ Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any.

- 1 Prof. Amitava Raychaudhuri (CU), gave a talk “The God (particle) of small Things”, on February 18, 2013.
- 2 Prof. Dibyendu Nandi (IISER, Kolkata) gave a talk on Galileo’s sunspots and the story of a stormy star”, February 18, 2013.
- 3 Prof. P.S. Majumdar (RK Mission University, Belur) gave a talk on “Black Hole mysteries” on February 19, 2013.
- 4 Father Verstraeten Memorial Lecture by Sir Michael Pepper, April 30, 2013
- 5 “Frontiers in Modern Optics” February 12 and 13, 2014 (CSIR)
- 6 “Summer School on Optics and Photonics”, June 2 – 12, 2015.

21. Student profile course-wise:

Name of the Course (refer question no. 2)	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
BSC (Physics) 2014-15	2813	43	16	82	90
MSC (Physics) 2014-15	238	19	18		

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the College	% of students from the state	% of students from other States	% of students from other countries
BSC (Physics) 2014-15	-	97%	3%	Nil
MSC (Physics) 2014-15		89	9%	2%

23. Number of students who have cleared competitive examinations:

NET -8

24. Student Progression

Student progression	Percentage against enrolled
UG to PG	70%
PG to M. Phil.	25
PG to Ph.D.	35
Ph.D. to post-doctoral	3
Employed	
• Campus selection	Nil
• Other than campus selection	Nil
Entrepreneurs	Nil



25. Diversity of staff

Percentage of faculty who are graduates	
Of the same parent university	93%
From other universities within the state	7%
From other universities from other states	0%

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

None

27. Present details infrastructural facilities:

- (a) Library: Central Library exists in the College
- (b) Internet facilities for staff and students: Dept. has internet facility
- (c) Total number of class rooms: Same as in College
- (d) Class rooms with ICT facility: Same as in College
- (e) Students' laboratories: UG (Honours.) and Anciliary, PG (Core) and Special Paper: Solid State Electronics, Special paper: Astrophysics, Sliding Roof Observatory.
- (f) Research Laboratories: Father Eugene Lafont Observatory with Celestron Telescope (set up with FIST grant)

28. Number of students of the department getting financial assistance from College:
25 Students

29. Was any need assessment exercise undertaken before the development of new programme(s)? If so, give the methodology.

The College as a whole conducts these exercises, involving all the departments. Discussions take place on curriculum, marks distribution, credits, etc. At the BOS, we discuss the syllabus, question paper format, etc., for both UG and PG courses.

30. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning evaluation? If yes, how does department utilize it?
Regular departmental meetings are held where the curriculum is discussed. Changes are made in about 3 years. Audiovisual and Computer-based methods are used by some faculty. Students who perform poorly are counseled by mentors in each year of B.Sc.
- b. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?



The College takes feedback from final year B.Sc. students. The HOD and faculty take feedback about learning and evaluation from students. The department is open to such exercises.

- c. alumni and employers on the programmes and what is the response of the department to the same?

No feedback is taken from alumni or employers.

31. List the distinguished alumni of the department

- a. Dr. G.P. Das, Professor of Materials Science, IACS, Kolkata
- b. Dr. Dipankar Chakrabarty, IACS
- c. Dr. Somak Raychaudhuri, Director IUCAA, Pune.

32. Give details of student enrichment programmes (special lectures/ workshops/ seminar) with external experts.

- a. "Frontiers in Modern Optics", CSIR Sponsored Symposium, February 12 and 13, 2014.
- b. "Seeing and hearing gravitational wave sources", Lecture by Prof. Sukanta Bose, March 7, 2014.
- c. Father Verstraeten Memorial Lecture: "Many electrons strongly avoiding each other: trying to understand the strange goings on." March 24, 2014.
- d. Second Jesuit Workshop on Observational and Computational Astrophysics, JESCOL II, February 4-6, 2015.
- e. "Surface characterization using electron and ion beam spectroscopy", Lecture by Dr. Bibhas Chakrabarti, April 1, 2015.
- f. Summer School on Optics and Photonics, June 2 – 12, 2015.

33. List the teaching methods adopted by the faculty for different programmes.

Apart from chalk and talk, faculty use powerpoint slides, gnuplot, python software in teaching at the undergraduate and postgraduate level.

34. How does the department ensure that Programme objectives are constantly met and learning outcomes monitored?

The HOD and Senior faculty take feedback from students. Changes in evaluation methods and curriculum are modified keeping these in mind.

35. Highlight the participation of students and faculty in extension activities.

Computer interfacing kits have been obtained with the help of a FIST grant. These are used by M.Sc. students and some faculty.

36. Give details of "beyond syllabus scholarly activities" of the department :



Apart from the activities mentioned in Section 32, M.Sc. students with specialization in Solid State Electronics go on a one-day visit to IIT Kharagpur, accompanied by some faculty, every year.

37. State whether the Programme/ department is accredited/ graded by other agencies. Give details.

None.

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength	Weakness	Opportunities	Challenges
Research	Ancillary laboratory too crowded	Ph.D. granting status from 2016	Achieving a balance of research and teaching
Observatory	More interaction time with students for UG and PG projects	(1)Grant under COE from UGC for upgrading of laboratories. (2) STAR College grant from DBT in 2015-2016 for interdisciplinary studies in physics and biology	
Innovative methods of teaching			

39. Future Plans of the department:

- (i) Improving teaching-learning process.
- (ii) Modernization of undergraduate and postgraduate laboratories.
- (iii)Introducing Ph.D. Course Work.



Evaluative Report of the Department – Statistics

1. **Name of the Department and its year of establishment:**
Statistics, 1996
2. **Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**
UG
3. **Interdisciplinary courses and departments involved : Courses: Statistics Ancillary, Department involved:**
Economics and Mathematics
4. **Annual/ semester/choice based credit system :**
Semester
5. **Participation of the department in the courses offered by other departments:**
Mathematics, Computer Science, Economics
6. **Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)**

	Sanctioned	Filled
Professors	NIL	NIL
Associate Professors	NIL	NIL
Asst. Professors	5	5

7. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Surabhi Dasgupta	PhD	Asst Prof	Statistics	19 years	-
Surupa Chakraborty	PhD	Asst Prof	Statistics	14 years	-
Ayan Chandra	MSC	Asst Prof	Statistics	15 years	-
Durba Bhattacharya	MSC	Asst Prof	Statistics	2 years	-
Debjit Sengupta	MSC	Asst Prof	Statistics	2 years	-



8. **Percentage of classes taken by temporary faculty – Programme-wise information :**
UG course: approximately 20%
9. **Programme-wise Student Teacher Ratio :**
UG course: 1:30
10. **Number of academic support staff (technical) and administrative staff: sanctioned and filled :**
NIL
11. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.**
One faculty member /National agency/ Rs 5 lakhs(approx)/ funding agency: CSIR
12. **Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received :**
NIL
13. **Research facility / centre with**
 - state recognition
 - national recognition
 - international recognition
14. **Publications:**
 - * number of papers published in peer reviewed journals (national / international)
12
 - A. Prof Surabhi Dasgupta**
 1. A statistical study of pre-monsoon weather over South Bengal using descriptive and inferential techniques. (2010), Mausam, Vol 61, (4), pp 547-552. (with U.K. De).
 2. Higher order Markov Chain models for monsoon rainfall over Gangetic West Bengal, India. (2010), Indian Journal of Radio and Space Physics, Vol 39, pp 39-44. (with A. Ghosh Dastidar, D. Ghosh & U. K. De)
 - B. Prof Surupa Chakraborty**
 1. Analysis of mixed outcomes: misclassified binary responses and measurement error in covariates. (2010), Journal of Statistical Computation and Simulation, Vol 80(11), pp-1197-1209 (with T. Banerjee).
 2. Accounting for Response Misclassification and Covariate Measurement Error using a Random Effects Logit Model. (2010) Communications in Statistics: Simulation and Computation, Vol 41 (9), pp 1623-1636.



3. Analysis of Bivariate Binary data with possible chances of wrong ascertainment. (2012). Journal of Statistical Computation and Simulation, DOI:10.1080/00949655.2012.722635 (with K. Das & A. Sarkar).
4. Analysis of binary data with the possibility of wrong ascertainment. (2013), Statistica Neerlandica , 67(3) , 293-310 (with K Das & A.Sarkar)
5. On Analyzing Ordinal Data when Responses and Covariates are both missing at random. (2013), Statistical Methods in Medical Research, DOI: 10.1177/0962280213492063. (with S. Rana & K. Das)
6. Analysis of ordered Probit Model with surrogate response data and measurement error in covariates. (2015), Communications in Statistics: Theory and Methods: DOI:10.1080/03610926.2014.887115.

C. Prof Ayan Chandra

1. Estimation of Optimal Order Quantity in Newsboy Problem (2011), IAPQR Transactions, Vol 36, No 1. (with Prof S. K. Mukherjee)
2. Effectivity of Vehicular Banning and its Reflection in Diseases. (2011), Nature, Environment and Pollution Technology (Vol 10, N0. 3). (with G. Saha, S. Goswami, A. Saha, S. Sinha Roy, P. Ganguly, A. Ghosh, K. Banerjee, R. Saraf, A. Banerjee and A.K. Mitra)
3. An Alternative Solution to a Simple Inventory Problem. (2014), IAPQR Transactions, Vol 39, No 2. (with S.P. Mukherjee)
4. Isotherm Study in Arsenic Tolerant Bacteria Isolated from Arsenic Affected Area in West Bengal, India. (2014), IOSR Journal of Environmental Science, Toxicology and Food Technology Vol 8, Issue 1, Ver II (with Debanjana Sengupta, Arup Kumar Mitra, Sudeshna Shyam Choudhury)

- * Monographs
- * Chapter(s) in Books 1
- * Editing Books - Nil
- * Books with ISBN numbers with details of publishers - Nil
- * number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) - Nil
- * Citation Index – range / average - Nil
- * SNIP - Nil
- * SJR - Nil
- * Impact factor – range / average – 1. 213
- * h-index - Nil

15. Details of patents and income generated :

NIL

16. Areas of consultancy and income generated :

NIL



17. Faculty recharging strategies :

NIL

18. Student projects

- percentage of students who have done in-house projects including inter-departmental:
Semester 6 students have to do a compulsory project work. On an average 3-5 students per year presented paper in Indian Science Congress.
- percentage of students doing projects in collaboration with industries / institutes - **NIL**

19. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral
- Students

20. Seminars/ Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

The department organized a 2 day National Seminar on “Applications of Statistics and Statistical Computing” during January 30-31, 2013. The funding agencies were CSIR, MOSPI and NBHM.

21. Student profile course-wise:

Name of the Course (refer question no. 2)	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
BSC (Statistics)	1027	23	18	98	100

22. Diversity of Students :

Name of the Course (refer question no. 2)	% of students from the College	% of students from the state	% of students from other States	% of students from other countries
BSC (Statistics)	-	95	5	Nil

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

NIL



24. Student progression

Student Progression	Percentage Against Enrolled
Ug To Pg	80%
Pg To M. Phil	25%
Pg To Ph.D	35%
Ph.D To Post-Doctoral	Nil
Employed	
1. Campus Selection	5 %
2. Other Than Campus Recruitment	Nil
Entrepreneurs	Nil

25. Diversity of staff

Percentage of faculty who are graduates of the same parent university : 75%(3 out of 4)

from other universities within the State **25% (1 out of 4)**

from other universities from other States **NIL**

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

None

27. Present details about infrastructural facilities

- Library : Departmental library keeps one or two copies of all recent text books as well as higher level books for teachers.
- Internet facilities for staff and students : (i) Internet facilities are provided for the staff members in the departmental staffroom (ii) students can access internet from the computer laboratories during their practical classes and also from library and cyber cafes.
- Total number of class rooms : **3**
- Class rooms with ICT facility: **3**
- Students' laboratories: Computer laboratories are provided to students with one computer per student for both honors and ancillary UG courses.
- Research laboratories : **None**

28. Number of students of the department getting financial assistance from College.
30 Students

29. Was any need assessment exercise undertaken before the development of new programme(s)? If so, give the methodology.

Nil



30. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Ideas are exchanged in the monthly departmental meetings and also in the BOS meetings. Concepts stemming out from such discussions are implemented for the upgradation of teaching-learning process of the practical as well as theory classes.

- b. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Students' feedback is received and studied by professors at the individual level. Each professor tries to address the limitations pointed out by the students in his/her own way.

- c. alumni and employers on the programmes and what is the response of the department to the same? NIL

31. List the distinguished alumni of the department (maximum 10).

Nil

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

- (i) The department organized a 2 day National Seminar on "Applications of Statistics and Statistical Computing" during January 30-31, 2013. The funding agencies were CSIR, MOSPI and NBHM.

33. List the teaching methods adopted by the faculty for different programmes.

- (i) Chalk and talk
(ii) Power point presentation
(iii) Participation in projects involving primary data collection and analysis of such data

34. How does the department ensure that Programme objectives are constantly met and learning outcomes monitored?

- (i) Departmental meetings at regular intervals monitor that Programme objectives are met.
(ii) Professors use new and innovative modes of CIA to assess the learning outcome of the students.

35. Highlight the participation of students and faculty in extension activities.

Our students are interested in projects like College to Village Programme conducted by NSS of our college

Many of our students are involved in XADAM activities

When college conducts periodically seminars and workshops for teaching and non-teaching staff, we actively participate



36. Give details of “beyond syllabus scholarly activities” of the department.

- (i) Department brings out an annual magazine “PROKORSHO”
- (ii) Students participate and present papers both within the subject as well as of inter-disciplinary nature in Indian Science Congress.

37. State whether the Programme/ department is accredited/ graded by other agencies. Give details.

No

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strength:

- A team of excellent faculty
- Extremely meritorious students who are well absorbed in institutes of national repute after the three year course.
- An equipped seminar library
- Research awareness among all the faculty members
- Publication of the departmental magazine and organization of seminars for students

Challenges:

- Increasing student strength
- Increasingly competitively job market for which students have to be nurtured properly
- Decreasing number of students pursuing research and teaching

Weakness:

- Insufficient number of full time teaching staff
- No designated support staff
- Extremely sultry and uncomfortable staffroom
- Insufficient number of computers in the staffroom
- Long Overdue Promotion of Full timers in Substantive Posts

Opportunities:

- Exposure of the students to research problems and methodology through project work and publication of departmental magazine.

39. Future plans of the department.

To become a post graduate department equipped with adequate number of faculties.



Evaluative Report of the Department – Bachelor of Business Administration (BBA)

1. **Name of the Department and its year of establishment -**
Department of Business Administration - year of establishment 2002
2. **Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) –**
UG
3. **Interdisciplinary courses and departments involved –**
Nil
4. **Annual/ semester/choice based credit system –**
SEMESTER, with choice based credit
5. **Participation of the department in the courses offered by other departments –**
Nil
6. **Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)**

	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	7	7

7. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,) –**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Baisali Agarwal	[M.Com SLET]	Assistant Professor	Accounting and Finance	6	
Dibyendu Sen	[M.Sc, MBA, NET]	Assistant Professor	Marketing Management	5	
Rajni Gupta	[M.Com. SET]	Assistant Professor	Accounting and Finance	3	
Supriyo Patra	[MBA]	Assistant Professor	Management	3	



Basuli Dasgupta	[M.Com, NET]	Assistant Professor	Accounting and Finance	1	
Bedanta Bose	[M.Com, NET]	Assistant Professor	Mathematics		

8. **Percentage of classes taken by temporary faculty – programme-wise information –**
21%. This is due to the specialized nature of the programme where faculty with industrybackground is needed.

9. **Programme – wise Student Teacher Ratio –**
1: 56

10. **Number of academic support staff (technical) and administrative staff: sanctioned and filled –**
2

11. **Number of faculty with ongoing projects from a) national b) international funding agstencies and c) Total grants received. Mention names of funding agencies and grants received project-wise –**

Name:	Prof. Sukanya Sarkhel
Department:	BBA
Title of Project:	Work Participation And Gender Wage Gap: An Enquiry Into The Role Of Social Institution In Indian Labour Market
Funding Authority:	UGC
Nature :	Minor
Grant:	2, 05, 000
Starting Date :	17 th Feb, 2015
Status:	Ongoing

12. **Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received –**
Nil

13. **Research facility / centre with –**
 - State recognition
 - National recognition
 - International recognition
Nil

14. **Publications:**
* number of papers published in peer reviewed journals (national / international)



- * Monographs
- * Chapter(s) in Books
- * Editing Books
- * Books with ISBN numbers with details of publishers
- * number listed in International Database (For e.g. Web of Science, Scopus,
- * Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) - 5
- * Citation Index – range / average – Nil
- * SNIP – Nil
- * SJR – Nil
- * Impact factor – range / average – JEMS – 2.78, IOSR – 1.219
- * h-index – Nil

Supriyo Patra	Nat		Celebrity Selection and role of Celebrities in creating Brand Awareness and Brand Preferences- A Literature Review ISSN – 0974-5467
Supriyo Patra	Nat		Reference Group Appeal generated by Indian Celebrities in Marketing communication
Baishali Agarwal		Int	Indian Automobile Companies Financial Efficiency Measurement: An Investigating using Super Efficiency and Actor Analysis (ISSN: 0972-1509)
Supriyo Patra	Nat		A Study focusing on determining the “Q” Score of Bollywood Celebrities and their impact on Brand Awareness PRERANA (Journal of Management thought and Practice) ISSN- 0976-495X. Volume 6 Issue 1 2015

Supriyo Patra	Conference proceedings: Competence of Bollywood Celebrities in generating Brand Recall in Kolkata.	Thursday, September 18, 2014	With ISBN/ISSN	Conference proceedings
Supriyo Patra	Referred: Perception of Ladies of Kolkata towards celebrity Endorsement for beauty creams.	Friday, February 27, 2015	With ISBN/ISSN	Referred
Supriyo Patra	Book chapter: “Brand Positioning in Rural India with Bollywood Celebrities-A Conceptual Study.(LAP- Germany) ISBN-978-3-659-52396-0, 2014	Saturday, September 27, 2014	With ISBN/ISSN	Book chapter



Supriyo Patra	Book chapter: Reference Group Appeal generated by Indian Celebrities in Marketing communication	Friday, March 01, 2013	With ISBN/ISSN	Book chapter
Supriyo Patra	Referred: Celebrity Selection and Role of Celebrities in creating Brand Awareness and Brand Preference-A Literature Review.	Saturday, December 01, 2012	With ISBN/ISSN	Referred
Supriyo Patra	Book chapter: "Impact of Indian Cricketers as Brand Endorser: A case study in Kolkata".	Sunday, December 01, 2013	With ISBN/ISSN	Book chapter
Supriyo Patra	Inter-college magazine/Journal: Big Ideas Small Slogans Brands are connecting with our Emotionss	Thursday, March 07, 2013	Without ISBN/ISSN	Inter-college magazine/Journal
Supriyo Patra	Referred: 'Impact of "Q" score of Indian Cricketers on Brand Recall and Brand Preference of male and female respondents of Kolkata'	Sunday, March 01, 2015	With ISBN/ISSN	Referred
Supriyo Patra	Referred: Brand Awareness Generating Capability Of Indian Cricketers In Kolkata	Monday, March 30, 2015	With ISBN/ISSN	Referred
Supriyo Patra	Referred: A Study on the Perception of Women in Kolkata towards Shampoo		With ISBN/ISSN	Referred

15. Details of patents and income generated –
Nil

16. Areas of consultancy and income generated –
Nil

17. Faculty recharging strategies –
Faculty orientation programmes are organized every semester.



18. Student projects –

- percentage of students who have done in-house projects including inter-departmental
- percentage of students doing projects in collaboration with industries / institutes

Nil

19. Awards / recognitions received at the national and international level by

- Faculty – Nil
- Doctoral / post-doctoral fellows – Nil
- Students –

170 students won prizes in different events and fests organized by different Colleges

20. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any –

- UGC Sponsored National Conference organized by Departments of Commerce and Business Administration on 'Inclusive Growth, Business and Environment in India's Emerging Economy' held at St Xavier's College during 6th - 7th September 2013.
- UGC Sponsored National Conference on "Re-imaging India : Challenges and Opportunities in Finance, Management and Policy Making", organized by Departments of Commerce and Business Administration held on 19th and 20th September, 2014, at St. Xavier's College (Autonomous), Kolkata, organized in collaboration with International Management Institute, Kolkata.
- UGC Sponsored National Workshop on Research Methodology Using SPSS organized by Departments of Commerce and Business Administration at St. Xavier's College (Autonomous) 30, Mother Teresa Sarani, Kolkata – 700016 In Collaboration with Institute of Development Studies, Kolkata during 1st - 8th October, 2015.



21. Student profile course-wise:

Name of the Course (refer question no. 2)	Application Received	Selected (completed or stayed in the course)		Pass Percentage (on completion of the course)	
		Male	Female	Male	Female
Bachelor of Business Administration (BBA) 2014-15	1710	73	80	89	95

22. Diversity of Students –

Name of the Course (refer question no. 2)	% of students from the College	% of students from the state	% of students from other States	% of students from other Countries
Bachelor of Business Administration (BBA) 2014-15	-	90%	10%	Nil

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? –

85% of the students qualify for CAT/GMAT/XAT/MAT etc. every year.

24. Student progression

Student Progression	Percentage Against Enrolled
Ug To Pg	75 %
Pg To M. Phil	Nil
Pg To Ph.D	Nil
Ph.D To Post-Doctoral	Nil
Employed	
1. Campus Selection	20%
2. Other Than Campus Recruitment	5%
Entrepreneurs	30%

25. Diversity of Staff

Percentage of faculty who are graduates of the same parent university – 100%
from other universities within the State
from other universities from other States

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period –

Nil



27. Present details about infrastructural facilities

- a) Library – The Students of BBA department have accesses to Central Library of the College.
- b) Internet facilities for staff and students – All the Computer in the department are equipped with Internet facilities, for students there is a separate Cyber Room.
- c) Total number of class rooms – 8 AC Classrooms with ICT facilities.
- d) Class rooms with ICT facility – 8 Rooms
- e) Students' laboratories – Dedicated Computer Laboratory.
- f) Research laboratories – Nil

28. Number of students of the department getting financial assistance from College.

Year	No of Students	Fees Concession Amount
2010-11	11	260400
2011-12	7	168000
2012-13	5	120000
2013-14	3	79200
2014-15	NIL	NIL

29. Was any need assessment exercise undertaken before the development of new programme(s)? If so, give the methodology.

In departmental and Board of Studies meetings possible changes are deliberated upon internally and suggestions from experts in Academia and Industry are obtained. The methodology adopted in general is as follows:

- i. Inputs are sought from the
 - (a) Outgoing students
 - (b) Industry Experts in the relevant field
 - (c) Academic experts in the relevant field
- ii. Analysis of the inputs and feedback through meetings and discussion in the department
- iii. Listing key outcomes of such exercise
- iv. Collective decision making

Also on current issues conference and/or seminars are organised.

30. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
- b. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?
- c. alumni and employers on the programmes and what is the response of the department to the same?
- i. Individual departments conduct meetings to reflect on the ongoing teaching-learning practices and scope of improvement. BOS held to deliberate and approve



- the views of faculties and experts from various departments and streams.
- ii. Students are asked to provide feedback on the faculty, curriculum and the academic environment they experience. Departmental meetings are held to reflect and deliver on;
 - a. Analysis of the important points mentioned by students on individual departmental basis
 - b. Analysis of the semester results
 - c. Communicating decisions through COE office to any specific input w.r.t. syllabus
 - iii. Expert advice from industry experts is invited. The curriculum restructuring team for the department consist of a member form industry, a member from alumni and internal faculty members.

31. List the distinguished alumni of the department (maximum 10)

Nil

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts. –

X-talk is a panel discussion organized by the society wherein eminent personalities from various fields share their views on different topics.

33. List the teaching methods adopted by the faculty for different programmes.

- i. Traditional method – using Chalk and Duster / Black Board / White Board
- ii. Using Audio-Visual aids
- iii. Handouts
- iv. Uploading relevant materials from time to time on website link specific to the department
- v. Interactive sessions with students on current issues in class and outside the class
- vi. Class seminar

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Faculty interaction sessions and Faculty Orientation Programme held frequently to meet the requirement of upgrading the syllabus and maintain uniformity in delivering the same to students. Thereby this practice commensurate the need to equip the faculty to make themselves prepared.

Learning outcome monitoring is done through:

- a. Student feedback mechanism to evaluate the teachers of their learning outcome.
- b. Review of semester result by the department and the critical analysis of the same to find the areas requiring attention



Meeting with the representatives of individual department to communicate the current status of the programme and any other information.

35. Highlight the participation of students and faculty in extension activities.

Students and faculty of the department are intensely involved in multiple extension activities. The academic initiatives combined with practical exposure are undertaken such as visit to industries, organization of seminars and conferences (both academic as well as industrial seminar) etc. The department also encourages participation in the activities to understand the realities of the life such as College to Village and Village to College outreach (Prayas project), social outreach programme, etc.

36. Give details of “beyond syllabus scholarly activities” of the department.

X-ecutive – Departmental Magazine published annually

X-Genesis – Intra College Business Plan Competition.

X-Confero – Inter College debate

X-Talk – Special lecture by noted personalities from corporate sector or industry.

XMC – Xaviers Management Conventtion

Industrial visits and visit to old age homes.

37. State whether the programme/ department is accredited/ graded by other agencies. Give details. –

Nil

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths:

- Up to date and industry oriented syllabus.
- Compulsory Internship leading to fruitful relations between the student and the firm translating into employment opportunities.
- Eminent academics and experienced professionals invited to present Classroom Seminar on a regular basis.
- Significant improvement in the examination and evaluation process.

Weaknesses:

- Inadequate research and consultancy activities.
- Inadequate texts and references in the library
- Number of students for project guidance per professor is excessive
- Students' apathy to go beyond examination and syllabus.
- Late specialization (Specialization for merely two semesters in found to be inadequate).

Opportunities:

- Strengthening liaison with industry through consultancy.
- Corporate placement cell exclusively for marketing students.



- Better utilization of smart classrooms in conducting case studies, business games, simulations, etc.
- Inter-disciplinary research.

Challenges:

- The industry prefers professional qualifications to general degrees.
- Corporate for entry level jobs in marketing do not always specifically look for those having specialized in marketing. It is open for all.
- With reference to the apathy of students, teaching often tends to get too examination oriented and notes based.
- Not all students have access to reputed firms that would make their internships worthwhile.
- Burden of too many students per professor for project guidance may compromise on the level of personal interaction between the student and the supervisor dilute the quality of such project.
- The widespread usage of digital academic environment puts enormous challenge to faculty fraternity to cope up. To address this issue the faculties should be keen in organizing orientation programme.

39. Future plans of the department.

- i. To engage in consultancy
- ii. To structure courses in collaboration with institutions



Evaluative report of the Department – B. Com (Evening)

1. Name of the Department and Year of establishment:

B.Com (Evening), 2006

2. Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Undergraduate course

3. Interdisciplinary courses and departments involved:

No.

4. Annual/ semester/choice based credit system :

Semester Based credit system

5. Participation of the department in the courses offered by other departments:

NIL

6. No. of teaching posts sanctioned and filled

Post	Sanctioned	Filled
Professor	-	NIL
Associate Professor	NIL	NIL
Assistant Professor	NIL	27

7. Faculty Profile with name, qualification, specialization, (D. Sc. / D. litt/ Ph. D. / M. Phil. Etc.):

Sl. No.	Name	Qualification	Spz.	Designation	Years of exp.	Ph.D. stud
	<u>Management Dept.</u>					
1	Prof. Soma Nath	M.Com. M.B.A	Accounting and Finance	Asst. Prof.	7 yrs	Nil
2	Prof. Chandrima Banerjee	M.Com.	Accounting and Finance	Asst. Prof.	9 yrs	Nil
3	Prof. Santa Ghosal	M.Com.	Accounting and Finance	Asst. Prof.	6 yrs	Nil
4	Prof. Aparajita Hembrom	M.Com.	Marketing	Asst. Prof.	2 yrs	Nil
	<u>Accounting and</u>					



	<u>Finance Dept.</u>					
5	Prof. Anirban Ghosal	M.Com.	Accounting and Finance	Asst. Prof.	7 yrs	Nil
6	Dr. AyanMajumdar	M.Com., Ph.D., FCA	Accounting and Finance	Asst. Prof.	15 yrs	Nil
7	Dr. Nibedita Roy	M.Com., M. Phil., Ph.D.	Accounting and Finance	Asst. Prof.	10 yrs	Nil
8	Prof. Saptarshi Ray	M.Com.	Accounting and Finance	Asst. Prof.	7 yrs	Nil
9	Prof. Chandrani Dutta	M.Com.	Accounting and Finance	Asst. Prof.	5 yrs	Nil
10	Prof. Paramita Dutta	M. Com. M. Phil.	Accounting and Finance	Asst. Prof.	5 yrs	Nil
11	Prof. Gholam S. Khan	M. Com. M. Phil.	Accounting and Finance	Asst. Prof.	1 yr	Nil
	<u>Information Technology Dept.</u>					
12	Prof. Ramit Kr. Roy	M.C.A		Asst. Prof.	10 yrs	Nil
13	Dr. Siddhartha Roy	M.C.A, M.B.A, Ph.D		Asst. Prof.	8 yrs	Nil
	<u>Economics Dept.</u>					
14	Prof.AmitavaGhose	M.A.	International Trade and Growth Theory	Asst. Prof.	30 yrs	Nil
15	Prof.Soumi Bhattacharya	M.Sc., M. Phil.	Economic Growth and regional disparity, Econometrics	Asst Prof.	8 yrs	Nil
16	Prof. NilanjanSen	M.Sc.	Industrial organization	Asst Prof.	4 yrs	Nil
17	Prof. SaswatiBagchi (B.Com Morning)	M.Sc., M.Ed	International Economics	Asst Prof.	8 yrs	Nil
18	Prof. Tania Mukherjee	M.Sc	Development Economics	Asst Prof.	5 yrs	Nil
19	Prof. DebaratiChatterjee	M.Sc , M. Phil	Development Economics	Part Time	12 yrs	Nil
20	Prof.	M.Sc, M.	Quantitative Industrial	Asst Prof.	8 yrs	Nil



	SubrataMajumder	Phil, Ph.D	Economics, Econometrics			
	<u>Mathematics and Statistics Dept.</u>					
21	Prof. Mohsin Islam	M.Sc., Ph. D	Applied Mathematic s	Asst. Prof.	4 yrs	Nil
22	Prof. Sanjay Bhattacharya	M.Sc.		Asst. Prof.	9 yrs	Nil
23	Ms. Tuhina Manna	M.Sc.	Functional Analysis	Asst. Prof.	10 mths	Nil
24	Prof. Ashish Sarkar	M.Sc.	Mathematic s	Asst. Prof.	30 years	Nil
	<u>Business Law</u>					
25	Prof. KoushikChatterjee	M.Com., M.B.A, PGDMM		Asst. Prof.	15 yrs	Nil
26	Prof. MeenakshiChaturvedi	M.A., LLM		Asst. Prof.	19 yrs	Nil
	<u>Language</u>					
27	Prof. M. Khondakar	M.A., B. Ed.		Asst. Prof.		Nil
28	Prof. RashtrajitSengupta (B.Com Morn.)	M.A.		Asst. Prof.		Nil
29	Prof. Kiran Singh(B.Com Morn.)	M.A., M. Phil		Asst. Prof.		Nil
	<u>Environmental Studies</u>					
30	Prof. MohuaBasu (B.Com Morn.)	M.Sc., M. Phil., B.Ed		Asst. Prof.	20 yrs	Nil

8. Percentage of classes taken by temporary faculty:

Economics Dept. – 11%
Mathematics and Statistics Dept. – 16%
Business Law Dept. – 30%
Information Technology – 36%

9. Student Teacher ratio:

1: 40

10. Number of academic support staff (technical) and administrative staff:

Full time: 3
Part time: 5



11. Number of faculty with ongoing projects: 1

Principal investigator: Prof. Soumi Bhattacharya

Name of funding agency: University Grants commission

Total grants received: Rs. 2,10,000

12. Development projects:

Nil

13. Research facility centre:

Nil

14. Publications:

No. of papers published in peer reviewed journals:49

Dr. Ayan Majumdar

Sl.		Published in
<i>Books</i>		
1.	Dividend Payout Trends in Indian Corporate Sector: A Study of the Post Liberalisation Era	Scholar's Press, OmniScriptum GmbH and Co. KG, Germany ISBN No.: 978-3-639-71804-1; Date of Publication: 18-06-2014.
<i>Research Journals</i>		
<i>Topic</i>		
1.	Investment Allowance Reserve and Block of Assets: A Critical Look	The Management Accountant, pp. 844-849, July, 2012, written with Dr. DebabrataMajumdar, (ISSN 0972-3528).
2.	Dividend Policy of Indian Corporate Sector: A Study of Select Companies during the Post-liberalisation Regime	Asia Pacific Journal of Management Research and Innovation, Sage Publication, pp. 173-191, 8(2), 2012, written with Dr. Debasish Sur, (ISSN 2319-510X).
3.	Dividend Payout Trends in Select Indian Companies: An Empirical Analysis	The Management Accountant, pp. 569-578, May, 2013, written with Dr. Debasish Sur, (ISSN 0972-3528).
4.	Clubbing of Income as a Tax Planning Tool: A Review	DBM Social Science Reporter, pp. 80-83, Vol.1, No.1, June, 2013, (ISSN 2347-1905).
5.	Interest and Operating Cash Flow,	Business Innovations, pp. 89-95, Edited Volume, 2015, (ISBN: 978-93-84443-23-8).

Prof. Chandrani Dutta



<i>Research Journals</i>		
<i>Sl.</i>	<i>Topic</i>	<i>Published in</i>
1.	Limited Liability Partnership (LLP): A Review of Literature	Vanijya, Dibrugarh University Refereed Journal of Business Studies, ISSN No. 0972-6594
2.	Evaluation of Limited Liability Partnership (LLP) Legislation- A Perceptual Study on the Professionals in Kolkata	Banijya, Peer Reviewed Research Journal of the Department of Commerce, Assam University, Silchar, ISSN No. 0975-0010

Prof. Paromita Dutta

<i>Research Journals</i>		
<i>Sl.</i>	<i>Topic</i>	<i>Published in</i>
1.	Anomalous Price Behaviour around Open Market Stock Repurchase Announcements in India	Vikalpa, Journal of Indian Institute of Management Ahmadabad, (forthcoming), manuscript no. 4532.
2.	Analysis of Performance of Select Merchant Banks in India - A Study	Business Studies, ISSN: 0970-9657, Vol. XXXI and XXXII, January- July, 2010 and 2011 (No. 1 and 2), pp. 63-85.
3.	Performance Evaluation of Regional Rural Banks of West Bengal in the Post-Reorganization Period- A Study	Research Bulletin, ISSN:2230 9241, Vol. XXXIX, June 2014, pp. 152-163.
4.	Corporate Sustainability: A Case Study on Toyota Motor Corporation	Indian Journal of Applied Research, ISSN:2249-555X, Vol. 4, Issue 8, August 2014, pp. 105-108.
5.	Exploring Corporate Sustainability: A Study with special reference to Tata Consultancy Services	International Journal of Research in Commerce and Management, ISSN:0976 2183, Vol. 5, Issue No. 11, November 2014, pp. 62-66.
6.	Market Response to Share Repurchases on the Bombay Stock Exchange	Research Bulletin, ISSN:2230 9241, Vol.41, No. 1, April 2015, pp. 167-206.

Prof. Saptarshi Roy

<i>Research Journals</i>		
<i>Sl.</i>	<i>Topic</i>	<i>Published in</i>
1.	Increased Non-performing Assets in	Indian Institute of Advanced



	Indian Banks Leading to Consolidation as Remedy: A Study of Strategic Advantage and Compromise	Research in Trade and Commerce, International Journal of Trade and Commerce, 2012 (ISSN-2277-5811)
2.	Reverse Mortgage Products: An Indian Banking Perspective	International Journal of Banking, Risk and Insurance, Publishing India.com, 2013, (ISSN-2320-7507)
3.	A Study on the Correlation between Mandatory Capital Adequacy Norm as per Basel II and Magnitude of Non Performing Assets in Indian Banks	Indian Institute of Technology, Roorkee, Department of Management Studies, 2014, (ISBN: 978-93-83842-19-3).
4.	Road to Sustainable SHG-Bank Linkage Programme: Formulating Strategies for Managing Credit Risk with Respect to Rural Bengal	IIM Kozhikode Society and Management Review , SAGE Publications, 2015, (ISSN-2277-9752)

Prof. Gholam Syedain Khan

<i>Research Journals</i>		
<i>Sl.</i>	<i>Topic</i>	<i>Published in</i>
1.	Private Placements in the Indian Capital Market – with reference to the Companies Act, 2013	Institute of Cost Accountants of India Research Bulletin ISSN: 2230 9241 April, 2015 Vol. 41, No.1
2.	A Causal Linkage Between Economic Indicators and Stock Market Returns – Evidence from National Stock Exchange	Institute of Cost Accountants of India Research Bulletin, ISSN: 2230 9241 Volume 38, December, 2013
3.	Target Costing and Competitive Advantage – An Indian Perspective	Institute of Cost Accountants of India The Management Accountant, ISSN: 0972-3528 June, 2014
4.	Dynamic Interaction Between Commodity Market and Capital Market – Evidence From India	Centre for Socio-Economic Research, ASA University Bangladesh. ASA University Review ISSN: 1997 6925 June, 2014
5.	FDI Inflows in Pre and Post Liberalization Period: An Empirical Analysis with special reference to India	USARJ Publishing, Kansas, USA United States of America Research Journal (USARJ), Vol. 4, No. 4, 2014, ISSN 2332-2160
6.	A Causal Linkage between FDI Inflows with Select Macroeconomic Variables in India – An Econometric Analysis	International Organisation of Scientific Research (IOSR) Journal of Economics and Finance



		e-ISSN: 2321-5933,p-ISSN: 2321-5925DOI:10.9790/5933-055124133Volume 5, Issue 5(Sep-Oct. 2014)
7.	Twin Deficits Hypothesis: An Empirical Analysis in the Context of India	International Academy for Science and Technology Education and Research (IASTER)International Journal of Commerce and Business Studies ISSN:(O)-2347-2847 (P) – 2347-8276Volume 2, Issue No. 2, April-June 2014
8.	Impact of Trade Openness, FDI Inflows and Total Exports on Economic Growth of India: An Econometric Approach	International Organization of Scientific Research Journals (IOSR)Journal of Economics and Finance e-ISSN: 2321-5933,p-ISSN: 2321-5925DOI: 10.9790/5933-0456068Volume 4, Issue 5.(Jul-Aug. 2014)
9.	An Analysis of Day-of-The-Week and Intraday Effects in the Indian Stock Market: Evidence from National Stock Exchange	Academic Journals JCIBRJournal of Contemporary Issues in Business ResearchISSN: 2305-8277Volume 3, Issue No. 3, 2014
10.	Impact of Foreign Direct Investment in Economic Growth – Empirical Evidence from India	NetajiSubhash Open UniversityChanging Scenario in Indian Business Environment(Edited volume of National Seminar)ISBN: 978-93-82112-16-72014-15



Dr. Nibedita Roy

Sl.		Published in
<i>Books</i>		
1.	A Study On Securitisation And Its Role In Indian Banking Industry	LAP LAMBERT Academic Publishing 2013, ISBN: 978-3-659-31406-3
<i>Research Journals</i>		
<i>Topic</i>		
1.	Securitisation—A Risk Management Tool in Indian Banking Industry	Business Spectrum Journal of IAA, Midnapore Branch- Vol. I, No. 2, July-December 2011 [ISSN: 2249-4804]
2.	Drivers of Securitisation in Indian Banking Industry—An Empirical Study	Paradigm—The Research Journal of Institute of Management Technology, Vol. XV, No. 1 and 2, 2011 [ISSN: 0971 8907]
3.	The Golden Route to Liquidity—A Performance Analysis of Gold Loan Companies	International Journal of Research in Commerce, IT and Management, Vol. No. 3 (2013), Issue No. 06 (June) [ISSN: 2231-5756]
4.	Performance Aspects Influenced by Securitisation—An Empirical Study	Asian Academic Research Journal of Social Sciences and Humanities, Volume 1, Issue 14, August 2013 [ISSN: 2278-859X]
5.	Gold Exchange Traded Fund—An Evaluation of its Performance	Pursuits, Academic Journal of City College of Commerce, Volume III, 2014 [ISSN: 2322-0643]

Prof. Soma Nath

1. Integrating Sustainability in Supply Chain Management	Contemporary Issues in Business Studies	ISBN: 978-81-927807-3-3	2014
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Prof. Soumi Bhattacharya

Chapter in book

	Edited by	Name of the Book	Published By	ISBN/ ISSN No.	Time Period
1.	Rev. Fr. Dr. John Felix Raj, Prof. Samrat Roy, Prof. Koushik Kumar Hati	Indian economy: A visionary Perspective	Regal Publication, New Delhi	ISBN: 978-81-8484-524-2.	2015

Prof. Ramit Kr. Roy

	Author Name	Article Name	Published By	ISBN/ ISSN No.	Time Period
1.	Umapada Pal, Ramit Kumar Roy, Fumitaka Kimura	"Bangla and English City Name Recognition for Indian Postal Automation"	In Proc. 20th International Conference on Pattern Recognition (ICPR), pp.1985-1988.	ISBN: 978-1-4244-7542-1	2010
2.	Ramit Kumar Roy	"Blended Learning Applications in Education"	In Proc. UGC Sponsored National Seminar on "Advances in Computer and Research in Management". pp 105-107.	ISBN: 978-93-82316-06-0.	2011
3.	Umapada Pal, Ramit Kumar Roy, Fumitaka Kimura	"Handwritten Street Name Recognition for Indian Postal Automation"	In Proc. International Conference on Document Analysis and Recognition (ICDAR), pp.483-487.	ISBN: 978-1-4977-1350-7	2011
4.	Urmi Datta, Ramit Kumar Roy	"Scope of E-Commerce Applications in E-Learning in India"	In Proc. UGC Sponsored International Conference on	ISBN: 978-93-80890-26-5	2011



		"	"Emerging Trends in E-Commerce". pp. 559-561.		
5.	Umapada Pal, Ramit Kumar Roy, Fumitaka Kimura	"Multi-lingual City Name Recognition for Indian Postal Automation"	In Proc. International Conference on Frontiers in Handwriting Recognition (ICFHR), Italy, pp.169-173.	ISBN: 97814673 22621	2012
6.	Ramit Kumar Roy	"An Introduction to Supply Chain Management"	Volume-II of PURSUITS, Academic Journal, pp. 37-43.	ISSN: 2322-0643.	2013

	Author Name	Name of the Book	Published By	ISBN/ISSN No.	Time Period
1.	Ramit Kumar Roy DebasriDey	"Information Technology and Its Application In Business and Commerce"	DishariPrakas hani	ISBN: 978-93-82316-08-04.	2013
2.	Ramit Kumar Roy DebasriDey	"An Introduction to E-Commerce"	The Elegant Publication	ISBN: 978-93-83360-06-2	2014

Prof. Mohsin Islam

	Author Name	Article Name	Published By	ISBN/ISSN No.	Time Period
1	M. Islam and M. Kanoria	Study of Dynamical Response in a Two Dimensional Transversely Isotropic Thick Plate Due to Heat Source.	Journal of Thermal Stresses (Taylor and Francis), 34 , 702-723	ISSN: 0149 – 5739 (print) 1521 – 074X (online)	2011
2	M. Islam, S. H.	Study of Dynamic	Applied	ISSN:	2011



	Mallick and M. Kanoria	Response in a Two Dimensional Transversely Isotropic Thick Plate With Spatially Varying Heat Sources and Body Forces	Mathematics and Mechanics (Springer), 32(10); 1315-1332	0253 – 4827 / 1573 – 2754	
3	M. Islam, A. Kar and M. Kanoria	Two-Temperature Generalized Thermoelasticity in a Fiber Reinforced Hollow Cylinder under Thermal Shock with Three-Phase-Lag-Effect.	Int J. for Computational Methods in Engineering Science and Mechanics (Taylor and Francis), 14, 367-390	ISSN: 1550 – 2287 / (print) 1550 – 2295 (online)	2013
4	M. Islam and M. Kanoria	One-Dimensional Problem of a Fractional Order Two Temperature Generalized Thermo-Piezoelectricity	Mathematics and Mechanics of Solids (SAGE), 19(6); 672-693		2014
5	M. Islam, A. Kar and M. Kanoria	Thermoelastic Response In A Symmetric Spherical Shell	ActaMechanica(Springer), 225(10); 2841-2864	ISSN: 0001 – 5970 / 1619 – 6937	2014
6	M. Islam and M. Kanoria	Short time analysis of magneto thermoelastic wave under fractional order heat conduction law	Journal of thermal stresses (Taylor and Francis)	ISSN: 0149 – 5739 / 1521 – 074 X	2015



Prof. Amitava Ghose

Book.

1. Managerial Microeconomics	Platinum Publications, 2011	ISBN: 978-81-89874-17-9
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Prof. Neelanjan Sen

	Author Name	Article Name	Published By	ISBN/ISSN No.	Time Period
	Neelanjan Sen, R. Biswas	Trade negotiations under alternative bargaining power	Economics and Politics, Wiley,	Online ISSN: 1468-0343)	accepted in June 2015
	Neelanjan Sen	Technology Transfer in Oligopoly in Presence of Fixed-Cost in Production	Journal of Industry, Competition and Trade, Springer. (Published Online 26th May 2015	ISSN: 1566-1679 (Print) 1573-7012 (Online)	(2015)
	Neelanjan Sen	“Unilateral” technology licensing from an entrant to incumbent monopolist	Economics Bulletin, Vol. 34, No. 2, pp. 1028-1037	ISSN 1545-2921	2014
	Neelanjan Sen, U.K. De and B.N. Ghosh	Gender Empowerment, Deprivation and Poverty in Rural Jharkhand: A Case Study	International Journal of Current Research, Vol. 11, pp. 107-116	ISSN: 0975-833X	(2010)

Chapter in books: 1

Books: 5

15. Details of patents and income generated:

Nil

16. Areas of consultancy and income generated:



Nil

17. Faculty recharging strategies:

Faculty Development Programmes organized by the college.

18. Student projects

- percentage of students who have done in-house projects including inter-departmental

In house: 100 % of the students of 3rd year completed their projects for the 6th semester

- percentage of students doing projects in collaboration with industries / institutes - Nil

19. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post-doctoral fellows
- Students

Faculty

The paper entitled “Entrepreneurial Failure in the Third World – A Diagnostic Approach with special reference to India” by Prof. Amitava Ghose has been adjudged the best paper and awarded BEST PAPER Award in the 10th International Conference on Emerging Global Trends and Future Challenges in Economic Development, Accounting and Finance, Information and Communication Technology, Business and Management organized by Research Development and Research foundation and Research Development Association, Jaipur and Rajasthan Chamber of Commerce and Industry, Jaipur, Rajasthan.

20. Seminars/ conferences/ workshops organized: all information yet to receive

- Overcoming Challenges for Sustainable Corporate Excellence – Symposium, on 21st March, 2015 with M.Com. Dept. of the college Source of funding: ICSSR, UGC, National level seminar.
- UGC Sponsored National Conference organized by Departments of Commerce and Business Administration on ‘Inclusive Growth, Business and Environment in India’s Emerging Economy ‘ held at St Xavier’s College during 6th - 7th September 2013.
- UGC Sponsored National Conference on “Re-imaging India : Challenges and Opportunities in Finance, Management and Policy Making”, organized by Departments of Commerce and Business Administration held on 19th and 20th September, 2014, at St. Xavier’s College (Autonomous), Kolkata, organized in collaboration with International Management Institute, Kolkata.
- UGC Sponsored National Workshop on Research Methodology Using SPSS organized by Departments of Commerce and Business Administration at St. Xavier’s College (Autonomous) 30, Mother Teresa Sarani, Kolkata – 700016 In Collaboration



with Institute of Development Studies, Kolkata during 1st - 8th October, 2015.

21. Student profile course wise

Name of the course	Applications recd.	Selected	
		Male	Female
B.Com (Eve) 2014-15	3249	37	323

EXAM BATCH	Total Pass %	Pass percentage	
		Male	Female
B.Com (Eve) 2014-15	86.58	70.27	90.2

22. Diversity of students:

Name of the course	% of students from the college	% of students from the state	% of students from other states	% of students from other countries
2014 – 2015	Nil	76.77	22.86	0.37

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive exams:

Nil

24. Student progression:

Student Progression	Percentage Against Enrolled
Ug To Pg	75%
Pg To M. Phil	Nil
Pg To Ph.D	Nil
Ph.D To Post-Doctoral	Nil
Employed	
1. Campus Selection	30-35 %
2. Other Than Campus Recruitment	10%
Entrepreneurs	10%

25. Diversity of staff:

Percentage of faculty who are graduates:

Of the same parent university	88%
From other universities within the state	4%
From other universities from other states	8%



26. Number of faculty awarded Ph.D during the assessment period:

4

27. Infrastructure facilities:

- a) Library: students and teachers have access to the library of the college for 10 hours in the week days.
- b) Internet facilities for staff and students: available
- c) Total number of class rooms: 15 for the department
- d) Class rooms with ICT facilities: refer college data
- e) Students' laboratories: I.T laboratory available
- f) Research laboratories: N.A

28. Number of students of the dept. getting financial assistance from college

Year	1 st yr	2 nd yr	3 rd yr
2014 – 2015	7	12	14

29. Was any need assessment exercise undertaken before the development of new programmes? If so, give the methodology.

No new programme has been taken up.

30. Does the department obtain feedback from

- a) faculty on curriculum as well as teaching – learning evaluation? If yes, how does the department utilize it?

The Board of Studies consists of all the faculty members. Every 3 years the curriculum and syllabus are revised taking feedback from all faculty members.

- b) Students on staff, curriculum as well as teaching – learning evaluation and what is the response of the department to the same?

Feedback is regularly taken from students on the basis of a standard feedback form of the college. The department holds meetings to take corrective steps.

- c) Alumni and employers on the programmes and what is the response of the department to the same?

The principal of the college holds annual meetings with the guardians and alumni and take their feedback on curriculum and teaching-learning process. The feedback is used during curriculum revision and reforming teaching –learning process.

31. List the distinguished alumni of the department (maximum 10).

The department is very young and yet to have any distinguished alumni.



32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Innovision is an intra-college week long counselling event where professionals across various fields of business and academic institutions advise the students on numerous career options as well as matters pertinent to their personal life. Various topics on financial management, entrepreneurship development, career options are held for the students. The seminars, conducted for B.Com and BBA students, are a great learning experience as they cover diverse fields and topics.

33. List the teaching methods adopted by the faculty for different programmes.

- In respect to teaching method, subject based lecture is the major part of the learning process of the students. Furthermore, they are provided with MCQs, worksheets so that they can apply the theory into practice. Any theoretical base is also explained with the help of power-point presentations so that they can visualize the entire concept. Apart from the above the department also practices case based methodology. Students of the 5th semester join internship programmes. There is continuous internal assessment in the form of examinations, class room presentations and assignments.

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

The curriculum design and academic calendar are the two inter-related pillars through which the programme objectives are pursued. The three aspects of the curriculum design, namely employability, innovation and research are addressed by a comprehensive academic calendar of class-room teaching, tutorials, seminars, assignments, projects, and internship with firm and NGOs. The department regularly undertakes feedback from the students and parents regarding curriculum and teaching-learning process. The department closely monitors the learning outcome through weekly seminars, assignments and organized tests.

35. Highlight the participation of students and faculty in extension activities.

Students and faculty of the department are intensely involved in multiple extension activities. The academic initiatives combined with practical exposure are undertaken such as visit to industries, organization of seminars and conferences (both academic as well as industrial seminar) etc. The department also encourages participation in the activities to understand the realities of the life such as College to Village and Village to College outreach (Prayas project), social outreach programme, etc.

36. Give details of “Beyond syllabus scholarly activities” of the department.

- Seminars are regularly conducted where the students and teachers take up contemporary issues relevant to the subject and present on it along with submission



of assignments. Furthermore, in 3rd year the students have a project of 100 marks where they take up a current topic/issue and present a dissertation.

- Prof. Amitava Ghose was invited as an expert in the committee for the draft curriculum and syllabus for undergraduate and postgraduate commerce course in J.D. Birla Institute (affiliated to J.U) in February 2011.
- Prof. Amitava Ghose was invited by the Institute of Chartered Accountants of India as a speaker to deliver S. Vaidyanath Aiyar Memorial Lecture in November 2012
- Prof. Amitava Ghose was invited by National University of Juridical Science, Kolkata to speak on Union Budget, 2013 on March 9, 2013.

37. State whether the programme / department is accredited / graded by other agencies.

Nil

38. Detail any five Strength, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strength

The strength of the commerce department of St. Xavier's College lies in its past and present faculty. The department has to its credit a renowned team of former teachers who came from academics, industry and legal professions. The overlapping generations of students and teachers over the last 60 years of the existence of commerce department formed the building block of the soft infrastructure of the department. The department maintains close contacts with the corporate leaders and seeks their views and inputs at the time of curriculum and syllabus revision. The department regularly organizes seminars, symposiums and talks by eminent people to create a platform for continuous academic discourse and exchange of ideas with the outside world.

Weakness

The primary problem that the department faces in its expansionary programme is physical infrastructural bottlenecks. The College has already taken up the task of addressing the infrastructure gap in three ways:

First, shifting a large amount of space from the Jesuits Father's enclave to the College.

Second, rationalization of existing physical facilities, like shifting the library and B. Ed department from the main building.

Third, the B. Com. (Evening) department has added three more class rooms by making utilization of the physical infrastructure of the St. Lawrence School Campus.

Given the physical and soft infrastructure, a strong network of Alumni across the globe and post-graduate department of commerce the department is rightly placed to set up a full fledged research wing perhaps in collaboration with the chambers of commerce and corporate houses.



39. Future Plans of the department:

- (i) The college has recently received approval for Ph.d. programme in the commerce department. This will give opportunity to the departmental faculties to act as research guides in future. Moreover with the introduction of Ph.D programme, the department plans to undertake more minor and major research projects.
- (ii) The college has entered into a number of MOUs with various universities in UK and USA. Till date, it is confined to student exchange programme. The department is looking into the modalities for teacher exchange programme in the near future.



Evaluative Report of the Department – B.Com (Morning)

- Name of the Department and its year of establishment –**
Department Of Commerce - Morning
- Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) –**
UG, PG
- Interdisciplinary courses and departments involved –**
Nil
- Annual/ semester/choice based credit system –**
Semester, Choice Based Credit System
- Participation of the department in the courses offered by other departments –**
Nil
- Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)**

	Sanctioned	Filled
Professors	1	1
Associate Professors	5	6
Asst. Professors	6	6+39

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,) –**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Ashis Mitra	[MA, M.Sc., MBA)	Associate Professor	IT	34	
M. Hanif	[M.Com. A.C.A.,CMA, Ph.D.]	Assistant Professor	Accounting and Finance	16	
Samir Kumar Lobwo	[M.Com,CM A, Ph.D. NET]	Associate Professor	Accounting and Finance	20	



Subir Srimani	[M.Com]	Assistant Professor	Accounting and Finance	16	
Atish Prosad Mondal	[M.Com., Ph.D]	Assistant Professor	Accounting and Finance	17	
Sanjib Kumar Basu	[M.Com. FCA, Ph.D.]	Associate Professor	Accounting and Finance	17	3
Siddhartha Sankar Saha	[M.Com.Ph.D]	Assistant Professor	Accounting and Finance	17	
Amitava Roy	[M.Com., ICWA]	Assistant Professor	Accounting and Finance	14	
Sumana Ghosh	[M.Com.Ph.D]	Assistant Professor	Business law	13	
Shivaji Banerjee	[M.Com, PGDBM, MIMA Ph.D]	Assistant Professor	Management	8	
Partha Pratim Ghosh	[M.Com., M. Phil, Ph.D]	Assistant Professor	Accounting and Finance	9	
Shouvik Sircar	[M.Com, M. Phil]	Assistant Professor	Accounting and Finance	8	
Soumya Banerjee	[M.Com, DBF]	Assistant Professor	Accounting and Finance	7	
Tridib Sengupta	[M.Com, MBA, MIMA, Ph.D	Assistant Professor	Managment	6	
Vijay Anand Sah	[M.Com, M. Phil]	Assistant Professor	Management	7	
Anulekha Banerjee	[M.Com]	Assistant Professor	Management	7	
Madhu Agnihotri	[M.Com,MC A]	Assistant Professor	IT	7	
Sumana Guha	[M.Com, MBA, Ph.D]	Assistant Professor	Management	6	
Rinita Das	[LLB, LLM]	Assistant Professor	Busines Law	5	



Mahua Basu	[M.Sc, M. Phil]	Assistant Professor	EVS	10	
Meenakshi Subramanian	[M.Com,M. Phil]	Assistant Professor	Management	4	
Soheli Ghosh	[M.Com, M. Phil, Ph.D]	Assistant Professor	Accounting and Finance	2	
Abhinab Ghosh	[M.Com]	Assistant Professor	Accounting and Finance	2	
Joyita Banerji	[M.Com]	Assistant Professor	Accounting and Finance	1	
Sreemoyee Guha Roy	[M.Com, Ph. D]	Assistant Professor	Accounting and Finance	1	
Saswati Chakravorty Bagchi	[M.Com]	Asstistant Professor	Economics	1	
Chandra Kant Parmar	[M.Com]	Asstistant Professor	Accounting and Finance	1	
Soumendra Laha	[M.Com, M. Phil]	Asstistant Professor	Accounting and Finance	1	
Madhusree Mukherjee	[M.Com, Ph.D.]	Associate Professor	Management	18	
Smwarjit Lahiri Chakravarty	[M.A. NET, Ph.D]	Assistant Professor	Economics	18	
Rev. Dr. Domini c Savio SJ	[MA, M. Phil, P. H.D]	Associate Professor and Vice Principal (Com- M and BBA)	Economics	15	
Saswati Chaudhuri	[M.Sc., Ph.D]	Assistant Professor	Economics (Com-M)	14	
Samrat Roy	[M.Sc] (Commerce-M)	Assistant Professor	Economics (Com-M)	8	
Anindita Ghosh	[M.Sc.,M. Phil.]	Assistant Professor	Economics (Com-M)	6	
Sirshendu Roychaudhury	[M.Sc.]	Assistant Professor	Economics (Com-M)	2	



Swapan Banerjee	[M.Sc.]	Associate Professor	Business Mathematics and Statistics (Com-M)	36	
Jnanranjan Chakrabarti	[M.Sc.]	Associate Professor	Business Mathematics and Statistics (Com-M)	35	
Arijit Ghosh	[M.Sc., PGDIM, PGDOM, GDOR Ph.D]	Assistant Professor	Business Mathematics and Statistics (Com-M)	8	
Sougata, Banerjee	[M.Sc.]	Assistant Professor	Business Mathematics and Statistics (Com-M)	5	
Sourav Tarafder	[M.Sc.]	Assistant Professor	Business Mathematics and Statistics (Com-M)	1	
Kiran Singh	[MA]	Assiatnt Professor	Hindi (Com-M)		
Puja Bhowmik	M. Com	Assiatnt Professor	Accounting and Finance		
Rastrajit Sengupta	M. A	Assistant Professor	Alternative English (Com-M)		
Subhasis Mandal	M. A	Assistant Professor	Bengali (Com-M)		
Anjan Chakraborty	MA (Eco), MBA, Ph. D (Marketing)	Assitant Pofessor	Management		
Sonali Panda	B.A., LLB	Assitant Professor	Business Law		
Dimple K, Anand	M. Com, LLB	Assitant Professor	Business Law		
Anamika Basu Das,	MCA, MBA	Assitant Professor	IT		
Sanjay Bhattacharya	MSC	Guest professor			



Minakshi Chaturvedi	MA, LLM	Guest professor	Business Law		
Swaraj Kumar Nandan	M.Com	Guest Professor	IT		

8. Percentage of classes taken by temporary faculty – programme-wise information
-7.2%

9. Programme-wise Student Teacher Ratio –
1: 41

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled –
8

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise. –

Dr. S. K. Basu

Name of assignment or project: ICT Intervention in Gram Panchayat Accounting

Year: 2013-15

Location: Kolkata, West Bengal

Client: Major Research Project under University Grant Commission Scheme, (Government of India)

Positions held: Principal Investigator

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received

Nil

13. Research facility / centre with –

- state recognition – We have a Central research Facility which was initiated in the Arts and Science department since October 2009. We do not have separate research centre for Department of Commerce but the department of commerce have imitated the aspect of research and consultancy in Commerce and Management studies under the faculty of Commerce. The functional areas decided by the department are
 - Assistance for individual research with respect to data access, e-books and journals, data processing and analysis facilities and training on research methodology
 - Research projects – Major research projects were decided to be brought from



UGC, DST or others

- Consultancy – Different avenues for consultancy would be explored. Some of the major areas of consultancy decided were consumer research, market research, IS audit, e-governance, environmental impact assessment, HR audit to name a few. Dr. Sudipti Banerjee of Calcutta University and Prof. Sumit Goswami from PWC has been taken as advisors in this regard.
 - national recognition
 - international recognition

14. Publications:

* Number of papers published in peer reviewed journals (national / international)-
167

DR. S. K. BASU

Name of the paper	Name of the Journal	Published by	Published In
National Accounting System in Rural Local Government in West Bengal- Convergence or Adoption	Chartered Accountants	ICAI, New Delhi	2011
Information Risk and Risk Assurance in Auditing	Chartered Accountants	ICAI, New Delhi	2011
Gender Sensitive Budget Analysis	Research World	XIMB, Bhubaneswar	2011
Fraud Auditing	Aviskaar	St. Xavier's College (Autonomous), Kolkata	2012
Impact Study of Internal Audit in Fraud detection of an Entity in the Indian Context	Edited Volume of Conference Proceedings	Global Science and Technology Forum, Singapore	2012
ICT Intervention in Gram Panchayat Accounting: Problems and Prospects	Management Accountants	ICWAI, New Delhi	2013
A Study on ICT intervention in Gram Panchayat Accounting	Chartered Accountants	ICAI, New Delhi	2014
E- Panchayat: A vision for ICT Enabled Rural India	Hand Book on Government Accounting	ICAI, New Delhi	2015



SIDDHARTHA S. SAHA

Underlying Factors Governing Statutory Auditors' Independence: An Empirical Analysis(Page.19-32)	Indian Journal of Accounting, IAA, India, Vol.XLVI(1), June,2014	ISSN-0972-1479
A Review on Corporate Sustainability Reporting Across the Globe Including India(Page.74-81)	Journal of Accounting and Finance, India, Vol.28, No.02, August-September, 2014	ISSN-0970-9029
Impact Of Select Financial Products on Premium Collection of LIC: A Multiple Linear Regression Analysis(Page.3-11)	Indian Journal of Research, India, Vol.4, No.02, July-December, 2014	ISSN-231-6655 ISSN-0972-902X
Impact of Audit Engagement Issues on Statutory Auditors' Professional Judgment: An Empirical Analysis(Page.146-158)	Research Journal of Finance and Accounting, USA, Vol.6, No.01, 2015	ISSN-2222-1697 (paper) ISSN-2222-2847(online)

Books

Weather Derivatives: Risk Management Device of Weather Fluctuations(Page.813-823)	Edited Book entitled "Global Financial System in The Post-Crisis Era : Challenges and Opportunities" edited by Dr.S.Gurusamy and Dr.M.Ranganatham and published by Vijay Nicole Imprints Private Limited on behalf of Department of Commerce, University of Madras, Chennai, India, First Edition, 2010	ISBN 978-81-8209-267-9
Guidance on Corporate Social Responsibility Reporting Indicators in Annual Reports: Achieving Excellence in Business Organizations (Page.73-92)	Edited Book entitled "Business Excellence Rhetoric and Reality" edited by S.K.Sengupta and A.Jafar and published by University of Burdwan, West Bengal, First Published, September, 2012	ISBN 81-87259-83-3
New Financial Innovation in Indian Primary Capital Market (Page.23-33)	Edited Book entitled "Indian Capital Market : How Far Secured", edited by Hrishikesh Paria and published by Dey Publications, Kolkata and Egra	ISBN 978-93-81679-44-9



	College, Midnapore, First Edition, 2013	
International Corporate Governance Disclosure Practices: A Review of Empirical Study (Page.174-191)	Edited Book entitled "Business Studies Recent Developments" published edited by Anirban Ghosh and by Netaji Subhas Open University, Kolkata, First Published, March, 2013	ISBN 978-93-82112-07-5
Statutory Auditors' Role in Corporate Accounting Scams: A Comparative Case Study (Page.180-191)	Edited Book entitled "New Approach in Strategic and Operation Management" edited by Dr. R.S.Rwat, Dr. Manju and R.Dwaivedi and published by Bharti Publication, New Delhi, 2014	ISBN 978-93-81212-81-3
Statutory Auditors' Independence In Protecting Stakeholders' Interest: An Empirical Analysis (Page.152-162)	Edited Book entitled "Changing Finance and Economic Perspectives" edited by Dr. V.S. Adigal and Dr. Mukund Chandra Mehta published by Bharti Publication, New Delhi, 2014	ISBN 978-93-81212-79-0
Investment Portfolio of LICI: An Empirical Analysis (Page.297-311)	Edited Book entitled "Changing Finance and Economic Perspectives" edited by Dr. V.S. Adigal and Dr. Mukund Chandra Mehta and published by Bharti Publication, New Delhi, 2014	ISBN 978-93-81212-79-0
A Critical Review on Non-Banking Financial Institutions and Other Allied Financial Service Sectors in India (Page.82-102)	Edited Book entitled "Insurance, Bank and Other Allied Financial Service Sector Reforms in India" edited by Dr. K. Jana and published by Dept. of Commerce, Tamralipta Mahavidyalaya, Midnapore, First Published, 2014	ISBN 978-81-925539-3-1
Premium Collection and Investment Portfolio of LICI : A Growth Analysis (Page.258-265)	Edited Book entitled "Insurance, Bank and Other Allied Financial Service Sector Reforms in India" edited by Dr. K. Jana and published by Dept. of Commerce, Tamralipta Mahavidyalaya, Midnapore, First Published, 2014	ISBN 978-81-925539-3-1



Books Published as Single Author or as Editor

Indian Financial System and Markets(Page.1- 559)	Text Book (UG and PG Level based on various Universities curriculum in India) and Sole Author, 6th August,2012	Mcgraw-Hill Education (India) Pvt. Ltd.(International Publisher) and ISBN(13) 978-1-25-900500-9/ ISBN(10) 1-25-900500-3	Yes, Sole Author
Merchant Banking and Financial Services (Page.1- 301)	Research Book and Sole Author, 30th August,2013	Scholar's Press, Germany.(International Publisher) and ISBN 978-3-639-51809-2	Yes, Sole Author
Statutory Auditors' Ethical Role (Page.1- 229)	Research Book and Sole Author, 26th January,2015	Scholar's Press, Germany. (International Publisher) and ISBN 978-3-639-76172-6	Yes, Sole Author
Statutory Auditors' Objectivity in Corporate Accounting Scandals (Page.1- 240)	Research Book and Sole Author, 25th February, 2015	Lambert Academic Publishing, Germany, (International Publisher) and ISBN 978-3-659-40531-0	Yes, Sole Author

SHIVAJI BANERJEE

Publications in the Domain of Marketing Management	
Title of Research :	From Subjectivity to Objectivity: Measuring Customer Lifetime Value Constructs
Date of Publication :	2015, August
Name of the Journal :	International Journal of Marketing Management (IJMM), Vol. 1 (1), pp. 99-109
ISSN :	2454-5007
Title of Research :	Shopping Malls and Kolkata's Consumers—An Attitudinal and Perceptual Revelation
Date of Publication :	2013, January-March
Name of the Journal :	Interdisciplinary Journal of Management and Behavioural Sciences (IJMBS), Vol. 2 (1), pp. 107-117
ISSN :	2278-1285
Title of Research :	An Investigation between Sales and Selling Costs—The Nestle Experience
Date of Publication :	2012, December
Name of the Journal :	CALYX Journal of Business Management; Vol. 3, pp. 90-97
ISSN :	2229-4260
Publications in the Domain of Human Resource Management	



Title of Research :	Creation of an Organizational Base for Constructivist Succession Planning in Indian Public Banks: A Qualified Critique
Date of Publication :	2015, August
Name of the Journal :	International Journal of HRM and Organizational Behaviour, Vol 1 (1), pp. 1-10
ISSN :	2454-5015
Title of Research :	A Longitudinal Study on the Interface between Occupational Stress and Turnover Intentions: An Encounter of BPO Employees
Date of Publication :	2015, March
Name of the Journal :	Indian Journal of Training and Development (IJTD), Vol. 45 (1), pp. 46-60
ISSN :	0971-5592
Publications in the Domain of Strategic Management	
Title of Research :	Convergence of Kautilya's Arthashastra and Modern Management
Date of Publication :	2015, July-September
Name of the Journal :	Journal of Management Values and Ethics (JMVE), Vol 5 (3), pp. 22-27
ISSN :	2249-9512
Title of Research :	Examining the Dynamics of Whistleblowing: A Causal Approach
Date of Publication :	2014, April
Name of the Journal :	The IUP Journal of Corporate Governance, Vol. 13 (2), pp. 7-26
ISSN :	0972-6853
Title of Research :	Predicting the Impact of Business Ethics and CSR Practices on the Psychology of Investors— An Empirical Investigation
Date of Publication :	2013, December
Name of the Journal :	Perspectives on Management: Bi-Annual Journal of Heritage Business School(Special Edition)
ISSN :	0974-7095
Title of Research :	On the Road to an Encyclopedic Schema of Ethical Management—A Concoction of Multifarious Vedantic Philosophies
Date of Publication :	2013, June
Name of the Journal :	International Journal of Business Ethics in Developing Economies (IJBED), Vol. 2 (1), pp. 51-57



ISSN :	2278-3172
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Title of Publication :	Marketing Knowledge in the 21st Century: A Fleeting Fad or the Boulevard to Success?
Date of Publication :	2015, March
Type of Publication :	Theme Article for Inertia Vol. 5. (Knowledge Marketing: Scientia est Potentia)
Title of Publication :	Towards a Holistic Edifice of Academic Excellence
Date of Publication :	2014, January
Type of Publication :	Article for The Xaverian, the Annual Magazine of St. Xavier's College (Autonomous), Kolkata
Title of Publication :	Will the Newspaper Industry Survive in the Growing Era of Smartphones and Tablets? A Statistical Analysis
Date of Publication :	2013, September
Type of Publication :	Article for Youthink, Annual Journal of the Department of Commerce, St. Xavier's College (Autonomous), Kolkata
ISSN :	2347-6222
Title of Publication :	Mapping Trajectories of Global Consumer Behaviour-Some Reflections
Date of Publication :	2012, March
Type of Publication :	Concept Paper at Conference Souvenir of Inertia: Chapter 2
Title of Publication :	The Revitalization of Management Education
Date of Publication :	2012, January
Type of Publication :	Article for Youthink, Annual Journal of the Department of Commerce, St. Xavier's College (Autonomous), Kolkata
ISSN :	2347-6222
Title of Publication :	Navigating Frontiers in Organisational Change Cyclone-Reasons, Rationalisations and Compliance
Date of Publication :	2011, September
Type of Publication :	Article for Youthink, Annual Journal of the Department of Commerce, St. Xavier's College (Autonomous), Kolkata
ISSN :	2347-6222
Title of Publication :	Spirituality and Leadership: A Quest for Reconciliation for Enlightened Corporations
Date of Publication :	2011, January
Type of Publication :	Article for The Xaverian, the Annual Magazine of St. Xavier's College (Autonomous), Kolkata
Title of Publication :	Organizational Behaviour: Darker Dimensions Divulged
Date of Publication :	2008, June
Type of Publication :	HRM Review, ICFAI University Press



Title of Research :	Personal Selling versus Advertising: Insights from the Indian Steel Industry
Date of Publication :	2015, March
Name of the Volume :	National Council of Education, Bengal and Institute of Business Management, Jadavpur University, pp. 96-110
ISBN :	978-93-84106-23-2
Title of Research :	The Spiritual Organization—Leadership Proclamations from Ancient Wisdom
Date of Publication :	2013, January
Name of the Volume :	Conference Volume on Integrating Spirituality and Organizational Leadership (ISOL), Xavier Institute of Management, Bhubaneswar, pp. 255-267
ISBN :	978-81-920639-3-5
Title of Research :	Leveraging Knowledge Quotient through Online Distance Education—A Critique
Date of Publication :	2012, March
Name of the Volume :	Proceedings of UGC-Sponsored Seminar on I.C.T. in Higher Education: Opportunities and Challenges, St. Xavier's College (Autonomous), Kolkata, pp. 39-46
ISBN :	978-81-924140-0-3

Book Chapters

Title of Research :	Exploring the Relationship between Student Satisfaction and Loyalty in Management Institutes of Eastern India
Date of Publication :	2013, November
Name of Book :	The Contemporary Management Research Handbook; LAP Lambert Academic Publishing, Germany. Subrata Debnath (Ed.), pp. 122-155
ISBN :	978-3-659-49072-9

DR. SUMANA GUHA

- Employee Attrition: Concepts and Issues', Magis: Xaverian Journal of Education (2013), ISSN No.: 2319-3239, Vol. 2, pp. 72-76.
- 'The Causal Factors of Employee Turnover in Indian Information Technology Sector: An Exploration, Aviskaar: Xaverian Journal of Research (2014), ISSN No.: 2277-8411, Vol. 6, pp. 18-25.
- 'Turnover Propensity among Information Technology Professionals: A Study', SIT Journal of Management (2014), ISSN No.: 2349-6894, Vol. 4, No. 2, pp. 28-46.
- 'An Exploration of the Impulsive Factors of Employee Turnover: A Study on Information Technology Sector', Pursuits (2015), ISSN No.:2322-0643, Vol. 3, pp. 94-102.



- 'Linkage between Job-Employee-Mismatch and Employee Turnover Intent: A Study', Aviskaar: A Xaverian Journal of Research (2015), ISSN No.:2277-8411, Vol. 7, pp.50-57.
- 'Employees Propensity to Change Organizations: A Study', IASMS Journal of Business Spectrum (2015), ISSN No.: 0974-8016, Vol. 8, No. 1.
- 'Differentials in Information Technology Professional Category and Turnover Propensity: A Study', Global Business Review (forthcoming), Sage Publication, ISSN No.: 0972-1509, Vol. 17, No. 3.
- 'Employee Turnover: A Study on Information Technology Sector', Journal of Business and Management, (2015), Argyros School of Business and Economics, Chapman University, USA, ISSN No.: 1535-668X, Vol.20 No. 2, pp. 71-87.
- 'A Longitudinal Study on the Interface between Occupational Stress and Turnover Intentions – An Encounter of BPO Employees', Indian Journal of Training and Development, (2015), ISSN No.: 0971-5592, Vol. 45, No. 1, pp.41-48.
- 'Accounting for Intangibles: Concepts and Challenges', Magis: Xaverian Journal of Education (2015), ISSN No.: 2319-3239, Vol. 4, pp. 95-103.
- 'Women Deprivation: Myths and Realities', UGC- Human Resource Development Centre and Department of Commerce, University of Calcutta, (2015), ISBN No. : 978-81-922481-9-6, pp.422-430.
- 'Effects of Intrinsic and Extrinsic Factors on Voluntary Employee Turnover: An Alternative Exposition', Anvesha: The Journal of Management (2015), ISSN No.: 0974-5467, Vol. 8, No. 3.

DR. SOHELI GHOSE

Mutual Fund Schemes in Fluctuating Markets- An Analysis.	International Journal Of Marketing, Financial Services and Management Research (IJMFMR)	Vol-1; No-1; January-March 2012 Issue.	ISSN: 2277-6788	Indian Research Journals
Performance Analysis of Select Mutual Fund Schemes in the Recent Global Economic Meltdown	Business Spectrum – Journal of Indian Accounting Association, Midnapore Branch	Vol-I; No.-2; July-December 2011 Issue.	ISSN: 2249-4804	Indian Accounting Association, Midnapore Branch
Empowering New Age Women Entrepreneurs Through Micro-Finance	International Journal of Social Science and Interdisciplinary Research (IJSSIR)	Vol-1; No.-2; April-June 2012 Issue.	ISSN: 2277-677X	Indian Research Journals
Micro Finance: A Study of Semi Urban Women Workers	Indian Journal of Applied Research (IJAR)	Vol-1, Issue 10; July 2012 Issue.	ISSN: 2249-555X	The Global Journals



Sector holdings in Mutual Fund performance: An Analysis	International Organization of Scientific Research Journal of Business and Management (IOSRJBM)	Vol-1, Issue 1; May-June 2012 Issue.	ISSN : 2278-487X	International Organization of Scientific Research
Corporate Social Responsibility- An Indian Perspective	International Journal Of Marketing, Financial Services and Management Research (IJMFMR)	Vol-1; No-3; July-September 2012 Issue.	ISSN: 2277-6788	Indian Research Journals
Corporate Social Responsibility- An Analytical Case Study	Indian Journal of Applied Research (IJAR)	Vol-1, Issue 11; August 2012 Issue.	ISSN: 2249-555X	The Global Journals
Globalization of Corporate Social Responsibility Focussing On Indian Markets.	International Organization of Scientific Research Journal of Business and Management (IOSRJBM)	Vol-2, Issue 4; July-Aug 2012 Issue.	ISSN: 2278-487X	International Organization of Scientific Research
Analysing Indian Mutual Funds as a Financial Service.	International Journal of Social Science and Interdisciplinary Research (IJSSIR)	Vol-1; No-4; October - December 2012 Issue.	ISSN: 2277-677X	Indian Research Journals
A look into Corporate Social Responsibility in Indian and Emerging Economies.	International Journal of Business and Management Invention (IJBMI)	Vol-1; Issue 1; December 2012.	ISSN: 2319-801X	International Journal of Business and Management Invention
Mutual Funds – An Integral part of the Indian Financial Service Sector.	Indian Journal of Scholarly Research (IJOSR)	Vol-2; Issue 1; January 2013.	ISSN: 2278-8271	Indian Journal of Scholarly Research
Volatility of Mutual Fund Returns in Relation to its Composition.	International Journal Of Marketing, Financial Services and Management Research (IJMFMR) – Online Edition.	Vol-2; No-1; January 2013 Issue.	ISSN: 2277-3622	Indian Research Journals
Mutual Funds In India – An Analysis of their Fluctuating Returns.	International Journal of Business, Management and Social Science. (IJBMS)	Vol-2; Issue 6 (II); February 2013 Issue.	ISSN: 2249-7463	International Society for Research Activity. Choice Group of Institutes
Impact of Mutual	Zenith International	Vol-3; Issue-	ISSN:	Zenith



Fund Returns as a Financial Service on the Indian Economy.	Journal of Business Management and Economics Research (ZIJBMER)	4 April 2013	2249-8826	International Research and Academic Foundation
Dividend Decision as an Aspect of Corporate Finance.	International Journal of Business, Management and Social Science. (IJBMS)	Vol-2; Issue 7 (II); March 2013 Issue.	ISSN: 2249-7463	International Society for Research Activity. Choice Group of Institutes
Impact of Dividend Decision – A Case Study	International Journal of Research in Commerce and Management. (IJRCM)	Vol-4; Issue 4 ; April 2013	ISSN: 0976-2183	International Journal of Research in Commerce and Management.
Understanding Corporate Social Responsibility through Sectoral Investments	Asia Pacific Journal of Marketing and Management Review (APJMMR)	Vol-2 (6) June 2013	ISSN: 2319-2836	Indian Research Journals
Analysis of the Impact of Dividend Decision on SAIL	International Journal of Scientific Research (IJSR)	Vol-2; Issue 5; May 2013	ISSN: 2277-8179	The Global Journals
Study of Dividend Decision of Tata Motors in the Light of EPS	Global Research Analysis (GRA)	Vol- 2; Issue 5; May 2013	ISSN: 2277 – 8160	The Global Journals
Study of Dividend Decision of Tata Steel in Relation to EPS	International Journal Of Marketing Financial Services And Management Research. (IJMFMR) - Online Edition	Vol- 2; Issue 7; July 2013	ISSN: 2277-3622	Indian Research Journals
Dividend Decision- A Study of Tata Chemicals in Relation to EPS	Asian Academic Research Journal of Social Sciences and Humanities. (AARJSH)	Vol – 1; Issue 12; June 2013	ISSN : 2278 – 859X	Asian Academic Research Associates
A Study of the Interrelationship between Return Generated by Mutual Fund Schemes and their Percentage Sector Holdings	TJPRC International Journal of Accounting and Financial Management Research (IJAFMR)	Vol – 3; Issue 3; August 2013.	ISSN: 2249-6882	Trans Stellar Journal Publications Research Consultancy.
A Study of the Return	International	Vol – 1; Issue	ISSN:	International



Generated and Managerial Efficiency of Select Mutual Fund Schemes in India	Organization of Scientific Research Journal of Economics and Finance (IOSR-JEF)	2; July – August 2013	2321-5925	Organization of Scientific Research
An Analysis of the Behaviour of Select Indian Mutual Funds during the Financial Crisis of the Year 2008	International Organization of Scientific Research Journal of Business and Management (IOSRJBM)	Vol – 13; Issue 2; September - October 2013	ISSN: 2319-7668	International Organization of Scientific Research
Variability of Mutual Fund Returns During and After the Global Meltdown: an Analysis of Select Mutual Funds In India	The Management Accountant: Journal for CMAs	Vol – 29; No: 3; March 2014.	ISSN: 0972-3528	Institute of Cost Accountants of India.
A Study of Social Responsibility Theories and Practices of Few Indian Companies.	Youthink	Vol – IX; 2014.	ISSN: 2347-6222	Department of Commerce. St. Xavier's College (Autonomous), Kolkata.

ANULEKHA BANERJEE

1. Banerjee, S. and **Banerjee, A.** Working capital financing — Case studies of ACC and Ultratech. Calyx, 1(1): 126-131, **2010**
2. **Banerjee, A.** and Dasgupta, R. Two sides of the same coin: CSR perspective. You Think, 9:86-90, **2014**.

JOYITA BANERJEE

- “Creation of an Organizational Base for Constructivist Succession Planning in Indian Public Banks- A qualified critique” published in ‘International Journal of Human Resource Management and Organisational Behavior’ Volume 1, Issue 1, August 2015, ISSN 2454-5015.
- “Complexities in the Indian Direct Tax System”, published in ‘Youthink’, Volume 10, ISSN 2347-6222.

MADHU AGNIHOTRI

1. “Is Whistleblowing Ethical - Few Observations”, Magis, Issn - 2319-3239
2. “Institutionalized Whistleblowing Policies In Indian It Sector Cpmpanies”, Avishkaar, Issn - 2277-8411



3. “An Investigation Between Sales And Selling Costs : The Nestle Experience”,
Calyx, Issn - 2229-4260

SOUMMYA BANERJEE

- (1) “An Overview of Earnings Management”, published in ‘The Management Accountant’, November 2010, Vol. 45, No.11, ISSN 0972-3528. [Co Author: Bandyopadhyay, P.]
- (2) “Working Capital Financing – Case Studies of ACC and Ultratech”, published in the ‘CALYX Journal of Business Management’, December 2010, Vol.1, No.1, ISSN 2229-4260. [Co Author: Banerjee, A.]
- (3) “An Econometric Analysis of Export - Import of Oil for Indian Case”, published in the ‘CALYX Journal of Business Management’, December 2011, Vol.2, ISSN 2229-4260. [Co Authors: Chakravarty, S.L. and Roy, R.K.]
- (4) “Towards a Systemic Pattern of Financial Inclusion in India – A Review”, published in ‘The Management Accountant’, January 2012, Vol. 47, No.1, ISSN 0972-3528. [Co Authors: Banerjee, S. and Biswas, D.]
- (5) “Post Merger Performance of Indian Banking Companies: An Analysis”, published in ‘PURSUITS’, Vol. II, ISSN 2322-0643. [Co Author: Dandapat, D.R.]
- (6) “Financial Inclusion and Micro and Small Engineering Enterprises in the District of Howrah, West Bengal: A Case Study”, Published in IBSA Journal of Business Studies, Vol. 2, No. 1-2, June and December, 2013, ISSN 2250-1924. [Co Author: Das Gupta, M.]

SOUVIK SIRCAR

- ‘Integrating Corporate Social Responsibility Initiatives with Business Strategy: A Study of Some Indian Companies.’ In The IUP Journal of Corporate Governance, Vol X No.1 January 2012 (ISSN No.0972-6853).
- ‘Emotional Intelligence as a Theoretical Construct: Problems and Dilemmas for the Researcher’ in Contemporary Issues on Accounting and Finance, Edited by Dr. Anupam Parua, New Central Book Agency (ISBN No. 978 81 7381 9421)
- ‘The thinking and feeling Minds – The Case for Researching Emotional Intelligence in Organizations’ in Youthink, Vol X, 2015 (ISSN No.2347-6222)

SAMRAT ROY

- Paper titled, ‘Foreign Direct Investment and Economic Growth: An Analysis for Selected Asian Countries’ published in ‘Journal of Business Studies Quarterly 2012, Vol. 4, No. 1, pp. 15-24’ ISSN 2152-1034.
- Paper titled, ‘A Cross Country Exploration of Infrastructural Development in Asia: An Empirical Analysis’ published in ‘Artha Beekshan, Volume 21, No 2; ISSN 0972-1185.



- Paper titled 'Empirical Evidence on the Relationship between Foreign DirectInvestment and Economic Growth: A Cross-Country Exploration in Asia' published in Seoul Journal of Economics Volume25 No 4. ISSN 1225-0279.
- Paper titled 'Dynamics of Trade Potentials in Emerging Asia in the PostFinancial Crisis Era' published in Global Business Review Volume 14, No 4 SagePublications ISSN 0972-1509.
- Paper titled 'Impact of Financial Crisis in Emerging Asia in terms of TradePotentials' prepared jointly with Rev.Dr. J.Felix Raj SJ 'Procedia-Social and Behavioral Sciences" Elsevier Publication, 2014.

SASWATI CHAUDHURI

1. Informal Wage, Informal Price and Extortion under Migration and Tariff Reform (with Biswajit Mandal) (2011): Modern Economy. Vol 2 (1), pp. 38-43.
2. In Servitude in the Shadows of Affluence: Domestic Maids of Kolkata (2013): Artha Beekshan, Vol.21, No. 4.
3. Living at the Edge: A Socio-economic Profile of Kolkata's Poor (2013): South Asian Survey, Vol. 20(1), pp. 44-58, Sage Publications (**SCImago Journal Rank Score: 0.188**).

DR. SMWARAJIT LAHIRI CHAKRABORTY

1. 'An Econometric study of total exports and imports of oil and of non oil items' in BUSINESS and MANAGEMENT REVIEW, London, pp 7-10, Vol-1, No. 1, November 2011, ISSN 2047-2854.
2. 'An Econometric Analysis of export-import of oil for Indian case' in CALYX Journal of Business Management, pp 34-39, Vol-2, December 2011, ISSN 2229-4260.
3. 'An Econometric study of total export and import of India and testing Friedman's idea' in THE STRATEGIST-Journal of Business Management, pp 10-22, Vol-2, no. 1 and 2, 2011, ISSN 0976-0393.
4. 'An Econometric study of Indian export and import of Black Gold (oil)' in ELSEVIER-PROCEDIA-SOCIAL AND BEHAVIORAL SCIENCES, pp 182-196, 2012, ISSN 1877-0428.
5. 'An Econometric study of Indian export and import and testing Friedman's PIH' in Contemporary issues in Information and Business Management, pp 201-218, Vol-2, 2012, ISBN 978-81-8424-744-2.
6. 'An investigation between sales and selling costs-the Nestle experience', in
7. CALYX-Journal of Business Management, pp 90-97, Vol-3, December 2012, ISSN 2229-4260.



SREEMOYEE GUHA ROY

1	Factors Influencing Growth of Microinsurance Organisations-An Empirical Study on Seected Organisations in West Bengal	International Journal of Management Convergence	Vol3 No.2,June 2012	ISSN 0976-5492	Department of Management, Mizoram University
2	Role of Microinsurance in Protecting Low-income people in west Bengal-An Empirical Study	The Management Accountant	July,2013	ISSN 0972-3528	Institute of Cost and Management Accountant
3	Impact of Microinsurance in Rural Areas-A Case Study on Purulia District,West Bengal	Vidyasagar University Journal of Commerce	Vol 19,March,2014	ISSN 0973-5917	Vidyasagar University Journal of Commerce
4	Role of Microinsurance in Bankura District of west BengalDuring 2010-12-An Empirical Study	Time's Journey (Refereed)	Volume:3,No.1,November,2014	ISSN 2278-6546	An Official Publication of Institute of management Study
5	Overview of Current Microinsurance Policies in India and its Impact in the rural districts of West Bengal	Global Journal for Research Analysis (Refereed)	Volume:4,Issue:1, January,2015	ISSN 2277-8160	Sara Publishing Academy
6	Microfinance Institutions in West Bengal: A Performance Analysis	International Journal of Applied Research (Refereed)	Volume 1,Issue 6 2015	ISSN 2394-7500	All Research Journal



7	Microinsurance:Case Study of Birbhum District of West Bengal	SJCC Management Research Review (Refereed)	Volume 1 Issue 1 2015	ISSN 2249-4359	St.Joseph College of Commerce
8	Managing Risk Through Microinsurance: An Empirical Study	SIT Journal of Management (Refereed)	Volume 2 Issue 1 2015 Pages:107-125	ISSN (online)2278-9111 (Print)2349-6894	Siliguri Institute of Technology
9	Microinsurance:Helpful Tool for the Poor	International Journal of Multidisciplinary Research and Modern Education (Refereed)	Volume 1 Issue 1 2015 Pages:246-251	ISSN 2454-6119	R and D Modern Research Publication
10	Study of Ifrs And Harmonization With Country Specific Accounting Standard	International Journal of Research in Computer application and Management (Refereed)	Volume 5 Issue 10 Pages 35-42	ISSN 2231-1009	International Journal of Research in Computer application and Management
11	Risk Management Through Microinsurance- An Empirical Study	KindlerJournal of Army Institute of Management (Refereed)	Volume-XV Number-2	ISSN 0973-0486	Army Institute of Management



ANJAN CHAKRAVORTY

1. "Change In Rural Markets In India And Need For Appropriate Strategy", Managing Economic Liberalization in South Asia, Directions For 21st Century, Edited By C. Jayachandran, N. Balasubramanian and S.M Dastidar, Published by Macmillan India Limited in 1998
2. "Small Scale Sector and Rural Marketing: Problems and Treatment", Alpha Journal, Year: 2001, Published by Asutosh College of Communications and Management, Bharatiya Vidya Bhavan, Calcutta
3. "Organized Retail Sector in Kolkata : Growth and Challenges ", International Journal of Leadership and Management, Vol 1, Issue : 1, January to April, 2009, Published by Eastern Institute For Integrated Learning In Management, Kolkata
4. "Change in Consumption Pattern in Rural Markets – An Empirical Study in West Bengal", Marketing Mastermind, IUP, Bangalore, May 2011, issue
5. "An Evolved Concept of Marketing", Youthink, St. Xavier's College, Kolkata, Department of Commerce, Vol.6, 2011 issue
6. "Instances of Gambling in Indian Politics", Youthink, St. Xavier's College, Kolkata, Department of Commerce, Vol.7, 2012 issue

ATISH PROSAD MONDAL

1. 'Medical Tourism'-An Emerging Business Opportunity-published at Youthink journal of Department of commerce St. Xavier's College, Kolkata in 2010, volume V issue.
2. 'Revisiting Tax Amnesty Scheme': In the Light of Current Black Money Phenomena'articlepublished in the journal of Association of Corporate Advisors and Executives,Kolkata September 2011 issue.
3. 'Indian Tourism Scenario- An Overview'- published at Youthink journal of Departmentof commerce St. Xavier's College, Kolkata in 2012, volume VII issue.
4. 'Carbon Credit: A Burning Business Issue-' published in the international journal ofAcademy of Business and Retail Management UK in November 2012.
5. 'Prospectus of Developing Sustainable Rural Tourism In The Eastern Part of India' published by Agro Economic Research Centre, Visva-Bharati University, as working paper no: 3, published on June 2014.

SUMONA GHOSH

Ghosh Sumona (2015), "Is Corporate Social Responsibility in India Still in a Confused State? — A Study of the Participation of the Private Sector Companies of India in Corporate Social Responsibility Activities", Global Business Review, volume 16(1), pp-151-181, Sage (Print ISSN: 0972-1509, Online ISSN: 0973-0664).

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- Roy, Amitava (2015); Dividend Policy and Corporate Governance: An Analysis of Listed Indian Firms, The Great Lakes Herald, Volume 9(2), September, 2015, pp - 33-75 (ISSN 0973-9017)
- Roy, Amitava (2014); Corporate Governance Rating and its Impact on Firm level Performance and Valuation, Delhi Business Review, Vol.15 (2), pp. 71-79, (ISBN 978-81-923211-6-5)

MAHUA BASU

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1. Basu, M., Bala, S, Xavier, S, Mayana, K, Mishra, N. "**Effect of Scopoletin on monoamine oxidases and brain amines**", Neurochemistry International, Elsevier, Volume 93, January 2016, Pages 113-117. ISSN No. **0197-0186**. Impact Factor: 3.092. www.elsevier.com/locate/nci;

SCImago Journal Rank (SJR): 1.162;

Indexed in: BIOSIS Elsevier BIOBASE Chemical Abstracts Current Contents/BIOBASE Database Current Contents/Life Sciences Current Contents/SciSearch Database Current Contents/Science Citation Index MEDLINE® EMBASE PASCAL/CNRS Psychology Abstracts Research Alert Scopus

H Index: 89



2. Pandey, D.; Banerjee, S.; Basu, M.; Mishra, N., **“Memory enhancement by tamoxifen on amyloidosis mouse model”** Hormones and behavior, Elsevier, Volume 79, October 2015, Pages 70–73. ISSN No. 0018-506X. Impact Factor: 4.632. www.elsevier.com/locate/yhbeh;
SCImago Journal Rank (SJR): 1.893,
Indexed in: Scopus.
H Index: 101
3. **“Acid Rain: An Overview”**. Journal on “Modern Issues in Environmental Studies”, Dept. Environmental Studies. May 15, 2014. St. Xavier's College (Autonomous), Kolkata. pp 9-11.
4. **“Rising Population: The Pivotal Issue”**, Journal on “Modern Issues in Environmental Studies”, Dept. Environmental Studies. May 15, 2014. St. Xavier's College (Autonomous), Kolkata. pp 22-25.
5. **“Tsunami and Earthquakes: The Tremors that Sweep You Away”** Journal on “Modern Issues in Environmental Studies”, Dept. Environmental Studies. May 15, 2014. St. Xavier's College (Autonomous), Kolkata. pp 33-37.
6. **“Nuclear Power Plants: The Efficient Danger Lurking”**, Journal on “Modern Issues in Environmental Studies”, Dept. Environmental Studies. May 15, 2014. St. Xavier's College (Autonomous), Kolkata. pp 38-44.
7. **“Industry - Academia Symphony; the Road to Sustainable Development”**. “Environmental Stewardship and Corporate Social Responsibility”. February, 2013. St Xavier's College (Autonomous), Kolkata. pp 10-11.
8. **“CSR: A Green Path or just another Red Signal”** “Environmental Stewardship and Corporate Social Responsibility”. February, 2013. St Xavier's College (Autonomous), Kolkata. pp 16-17.
9. **“CSR - Is it Green or Greenwashing”** “Environmental Stewardship and Corporate Social Responsibility”. February, 2013. St Xavier's College (Autonomous), Kolkata. pp 26-28.
10. **“CDM; Saving the World or watching it Burn”** “Environmental Stewardship and Corporate Social Responsibility” February, 2013. St Xavier's College (Autonomous), Kolkata . pp 42-43.
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12. **“Is India Rich enough to talk about CSR”** “Environmental Stewardship and Corporate Social Responsibility”. February, 2013. St Xavier's College (Autonomous), Kolkata. pp 55-56.
13. **“Will Gulliver die a Guyver? The Boom of Environment Stewardship and its Fated Doom”** “Environmental Stewardship and Corporate Social Responsibility”. February, 2013. St Xavier's College (Autonomous), Kolkata,. pp 59-60.
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SCImago Journal Rank (SJR): 1.069,

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1. Varun Bajaj^a, Mahua Basu^b “**Corporate Social Responsibility: A Single or Multi-Layered Concept?**”, Impetus, Youthink, Department of Commerce, St. Xavier's College (Autonomous), Kolkata, Volume 10, 2nd October, 2015. ISSN: 2347 6222.
2. “**The Enigma of Mitigation Policies**”, Two day National Seminar on “Global Warming and Its social and Economic Effect”, Commerce Department, Tarakeswar Degree College, Tarakeswar, Hooghly, West Bengal and Alpana Enterprise, Sinthee, Kolkata. Seminar Volume-1. pp 280-294. ISBN 978-81-921382-3-7.
3. “**Studies on the pollution of Damodar River at Burdwan with special reference to metals, COD and pH**”. “Nature Environment and Pollution technology” 1(4). Technoscience Publications. pp 397-399, 2002. ISSN No. : 0972 6268
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BOOKS AND BOOK CHAPTERS, CONFERENCE PROCEEDINGS

AMITAVA ROY

- Indian Financial System and Financial Market Operations, Co-authored with S. Mukerjee and A. Ghosh, Published by Dey Book Concern (ISBN 81-88133-55-8)



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- Roy, Amitava (2015); Corporate Governance and Firm Performance – An Exploratory Analysis of Indian Listed Companies, Twelfth Knowledge Globalization Conference, 2015, O.P. Jindal Global University (ISBN 978-0-979-7593-3-8).
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SOHELI GHOSE

Performance Analysis of Select Mutual Fund Schemes: A Study in Context to the Role and Effect of Mutual Funds in the Recent Global Economic Meltdown.	'Conference Proceedings – Business Applications and Management Issues', Faculty of Management Studies- Dr. B.C. Roy Engineering College.	1 st Edition 2011.	ISBN: 978-81-923034-6-8
Women Entrepreneurship in the 21 st Century- A Case Study. (Book Chapter)	'Microfinance and Financial Inclusion in Developing Economies', Vidyasagar University - Department of Commerce with Farm Management.	1 st Edition 2012.	ISBN: 978-81-9230348-2
Performance Analysis of Select Mutual Fund Schemes in the Recent Global Economic Meltdown.	'Conference Proceedings: UGC Sponsored State Level Seminar- P.K.H.N M: Challenges in the face of Changing Indian Financial Scenario and DTC and GST', Purash Kanpur Haridas Nandi Mahavidyalay.	1 st Edition 2012.	ISBN: 978-93-80649-20-7
Effect of Mutual Fund Schemes in Fluctuating Markets.	Conference Proceedings: U.G.C. Sponsored National Seminar on Mutual Funds, Retail Investors and SEBI. New Alipore College.	1 st Edition 2012.	ISBN: 978-81-924140-9-6
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MADHU AGNIHOTRI nee AGARWAL

Conference Proceedings:

1. "A Content Analysis Of Whistleblowing Policies In Indian It Sector Companies" (PAGE - 569), 12th International Conference Of Sgbed, Singapore (JULY 21-23, 2011)
2. "Better Learning With "E"" (PAGE-57), 2nd International Conference on Computing and Systems 2012, Burdwan (MARCH 15-16, 2012), ISBN-93-80813-18-X
3. "Self Service Portal - A Strategic Approach towards Human Resource Management" (PAGE-117), 3rd International Conference On Computing And Systems 2012, Burdwan (MARCH 15-16, 2012), ISBN-93-80813-18-X
4. "A Study of B2b Hubs As E-Commerce Facilitator", 2nd International Conference On Computing And Systems 2013, Burdwan (SEPT 21-22, 2013), ISBN -13-978-9-35-134273-1

SOUMMYA BANERJEE

Articles in books:

1. "Accelerating Economic Growth through Financial Inclusion: Rethinking Banking Priorities", published in 'The Role of Credit Co-operatives in Socio, Economic and Political Development in Rural India', 1st Edition, 2012, ISBN- 978-93-80332-29-1. [Co Author: Kundu, S.]
2. "A Perceptual Study on Reformed FDI Policy in Indian Retail Sector", published in 'Impact of Foreign Direct Investment in India', 1st Edition, 2013, ISBN- 978-93-80332-44-4. [Co Authors: Chatterjee, S; Purkayastha, M and Banerjee, S.]
3. "Blue Print for Corporate Resurgence and Organisational Renewal in Economic Downturn: Strategies and Tactics", Published in 'Indian Economy: Challenges and Opportunities, 1st Edition, 2013, ISBN: 978-81-922522-6-1. [Co Authors: Bhowmik, R.L. and Banerjee, S.]
4. "Environmental Accounting: An Overview", Published in 'Global Warming and its Social and Economic Effect, 1st Edition, 2013, ISBN – 978-81-921382-3-7. [Co Author: Kundu, S.]



5. "Post Merger Performance of Indian Financial Intermediaries: An Empirical Study", Published In 'Contemporary Issues in Business Studies', 1st Edition, 2014, ISBN 978-81-927807-3-3 [Co Authors: Bhunia, A and Dandapat, D.R.]

SAMRAT ROY

Article in Books

- Paper titled 'Empirical Evidence on the Relationship between Stock Market Development and Economic Growth: A Cross-Country Exploration in Asia' prepared jointly with Rev. Dr. J. Felix Raj s.j published in the book titled, "Analytical Issues in Trade, Development and Finance" Springer Publication, 2014. ISBN 978-81-322-1649-0.

SASWATI CHAUDHURI

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1. "Rural Livelihood Diversity and Migration: Impact on Kolkata" (2007) published in West Bengal Today: 25 Years of Economic Development, Raj Kumar Sen and Asis Dasgupta (eds.), Deep and Deep Pub., New Delhi, ISBN 81-7629-984-7.
2. "Whither Population Growth Aid Economic Growth? : A Time-Series Analysis of Selected South Asian Economies" (with Samrat Roy)(2014) published in Growth and Development: Emerging Issues, Dr. Prankrishna Pal (ed.), pp.25-37, Regal Publications, New Delhi, ISBN 978-81-8484-330.
3. "Migration and Informality in Developing Economies" (2016) published in Indian Economy: A Visionary Perspective, J. Felix Raj et al. (eds.), pp. 79-84, Regal Publications, New Delhi, ISBN 978-81-8484-524-2.

SMWARAJIT LAHIRI CHAKRAVARTY

BOOKS

1. Numerical and Mathematical Problems of Business Economics –By Gj Book Society, Kolkata (For Bcom Honours)
2. Business Economics –By Gj Book Society, Kolkata (For Bcom Honours)
3. International Trade and Public Finance –By Gj Book Society, Kolkata (For Economics Honours).

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'Indian agriculture in the era of global warming' in the book 'The Asian Century, Sustainable Growth and Climate Change' (July 2013) pp 111-136, Edward Elgar Publishing Ltd, UK; ISBN 978-1-78100-575-0.



SREEMOYEE GUHA ROY

Sl.No.	Name of the paper	Name of the Publication	Date/Volume	ISSN/ISBN	Publisher's Name
1	Microinsurance-Review of Selected Research Works	Growth with Equity-Financial Inclusion (BOOK CHAPTER)	1st Edition ,2011	ISBN 978-81-8209-7	Vijay Nicole Imprints Pvt. Ltd.
2	Microinsurance-Relevance of Insurer-MFI Partnership Model in India	Microfinance and Financial Inclusion in Developing Economies (BOOK CHAPTER)	1st Edition ,2012	ISBN 978-829230348-2	SPS Education Pvt.Ltd.
3	Microinsurance-Rural development through Financial Inclusion in India	Hand Book of Finance and Business Management (BOOK CHAPTER)	1st Edition ,2012	ISBN 978-93-81212-28-8	Bharti Publications
4	Microinsurance-Tailor made for the Poor	Financial Inclusion for Inclusive Growth (BOOK CHAPTER)	1st Edition ,2013	ISBN 978-81-8069-968-9	Concept Publishing Co.Pvt.Ltd., New Delhi
5	Microinsurance for the people ,of the people at the bottom of the Pyramid	Value Based Innovative Business Management (BOOK CHAPTER)	1st Edition ,2013	ISBN 978-93-5110-155-0	Shroff Publishers and Distributors Pvt.Ltd.
6	Need for Microinsurance Product among the rural people-A Case Study of Lakshmikantapur Village in South 24 Parganas, West Bengal	Impact of Reforms on Indian Insurance Sector (BOOK CHAPTER)	1st Edition ,2013	ISBN 978-93-80332-45-1	Manav Prakashan



7	Role of Microinsurance in Including the Excluded	Contemporary Issues in Emerging Insurance Market (BOOK CHAPTER)	1st Edition ,2014	ISBN 978-93-82983-19-4	Manglam Publishers and Distributors
8	Microinsurance-Tailor made for the Poor	Seminar Volume by Department of Commerce, Mohsin College (CONFERENCE PROCEEDINGS)	1st Edition ,2012	ISBN 978-93-82472-06-3	Department of Commerce, Mohsin College
9	Microinsurance-Rural Upliftment through Financial Inclusion in India	Conference Proceeding of National Seminar on Opportunities and Challenges of Contemporary and Innovative Management Practices (CONFERENCE PROCEEDINGS)	1st Edition ,2012	ISBN 819241403-5	Siliguri Institute of Technology
10	Microinsurance-Social Security for the Excluded	Conference Proceeding of AICTE sponsored National Seminar on Rural Opportunities in India (CONFERENCE PROCEEDINGS)	1st Edition ,2012	ISBN 93-8148147-4	KIET
11	Sustainability of Microfinance Institutions in India	Conference Proceeding of International Seminar on Environment and its Impact on Society	1st edition, 2013	ISBN 978-93-5126-892-5	J.B.Birla Institute, Department of Management



		(CONFERENCE PROCEEDINGS)			
12	Insuring the Poor- Case Study of Purulia and South 24 Parganas	Contemporary Issues in finance and Management (BOOK CHAPTER)	1st edition, 2015	ISBN 9788192872 162	Rohni Nandan Publishers

SUMONA GHOSH

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Ghosh Sumona (2014)Communication of Corporate Social Responsibility on the Internet: A Study of Selected Private Sector Companies in India, In Ray Subhasis and Raju, S.Siva (edited), Implementing Corporate Social Responsibility – Indian Perspectives, pp. 63-83, Springer (ISBN-978-81-322-1652-0) and (ISBN 978-81-322-1653-7, e Book).

Ghosh Sumona (2012) CSR in Leading Pharmaceutical Companies in India: Communication of Corporate Social Responsibility on the Internet, In Khanna Monica, Jacob Issac and Sharma Kiran (edited) ,Marketing Unbound , pp 221-246, Somaiya Publishers, (ISBN NO-978-81-7039-283-5).

Ghosh Sumona (2010) A Pattern Of Participation Of The Private Sector Companies In Corporate Social Responsibility Activities In Fostering Inclusive Growth, In Ghosh, Atanu, Karthik, D, Sharma Sunil (edited) , Challenges to Inclusive Growth in the Emerging Economies, Indian Institute of Management, Ahmadabad.

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Ghosh Sumona (2010), “A Study of the Participation of the Private Sector Companies in Corporate Social Responsibility Activities : A Qualitative Analysis”, Proceedings of the International Conference and Colloquium on Excellence in Research and Education, Indian Institute of Management, Indore, on September, 25-28, Indore.

Ghosh Sumona (2010), “Pattern of Participation of Private Sector Companies in Corporate Social Responsibility Activities”Proceedings of the 1st Annual International Conference on Sustainability: Management and Beyond, Indian Institute of Management, Shillong , David O’Brien Centre for Sustainable Enterprise and John Molson School of Business, Concordia University, on December, 8-10,Shillong.



ATISH PROSAD MONDAL

Book

Co-authored a book on “Indian Financial System and Financial Market Operations”, published by New Central Book Agency Pvt. Ltd. in the year 2004.

SOURAV TARAFDER

• Conference proceedings:

“Ordinals in an algebra-valued model of a paraconsistent set theory”, Logic and Its Applications, ICLA 2015, LNCS Vol. 8923. Berlin: Springer-Verlag, pp. 195–206, (2015).

• Book chapter in an edited volume:

A paraconsistent logic obtained from an algebra-valued models of set theory, New Directions in Paraconsistent Logic, Accepted.

Dr. ARIJIT GHOSH

Publications in international/national journal:

1. A paper entitled “Technical Efficiency Measurement of Indian Banking companies: An Investigation using DEA and Super Efficiency Model” in Lecture Notes on Information Technology (LNIT) Vol. 2, No. 3, page 273-278, September 2014 with ISSN 2301-3788.
2. A paper entitled “Indian Automobile Companies’ Financial Efficiency Measurement: An Investigation Using Super Efficiency and Factor Analysis” published in Global Business Review March 2014, Vol. 15 page 121-145 Print ISSN: 0972-1509, online ISSN: 0973-0664.
3. A paper entitled “Forecasting Portfolio Return Using Optimization Techniques From The Perspective Of Indian Financial Market” published in Vol.2 Issue 2, page 11-25, February 2013 of Spectrum: A Journal of Multidisciplinary Research with ISSN 2278-0637.
4. A paper entitled “Forecasting BSE Sensex under Optimal Conditions: An Investigation Post Factor Analysis” published in December 2011 issue of “Journal of Business Studies Quarterly (JBSQ)” ISSN 2152-1034 (Vol. 3, Number 2, pp 57-73).

Book chapters

1. A paper entitled “Efficiency Measurement of Indian Major Petrochem Industries: An Application of Data Envelopment Analysis” in the conference proceeding of International Conference on Optimization, Computing and Business Analysis held during December 20-22, 2012 at Kolkata with ISBN 978-81-8424-814-2 by Allied Publishers Pvt. Ltd.
2. A paper entitled “Influencing Parameters of BSE Sensex: An Investigation” in the conference proceeding of International Conference on Business and Information Management (ICBIM-2012) ISBN:978-81-8424-744-2 published by Allied Publishers Pvt. Ltd.(Vol.: II Page:113-127).



3. A paper entitled “Optimal Portfolio Selection with Skewness And Kurtosis: A Fuzzy Multi-objective Programming Approach in the Context of Indian Financial Market” in the “Computing, Business Applications and Legal Issues 2011” ISBN 978-81-7446-936-6 published by Excel Books (Page 21-30).

A paper entitled “Share Market Analysis Using Various Economical Determinants to Predict Decision of Investors” in the conference proceedings of ICMOC 2010, West Bengal(India), October 28-30, 2010 published by American Institute of Physics Conference Proceeding Volume 1298 ISBN 978-0-7354-0854-8(pp.529-534

* Editing Books -3

* Books with ISBN numbers with details of publishers -32

BOOK PUBLICATIONS

Sanjib Kumar BASU

Fundamentals of Auditing	Pearson Education India, New Delhi	2010
Audit and Assurance	Pearson Education India, New Delhi	2012
Accounting and Auditing	Pearson Education India, New Delhi	2014
Costing and Taxation for Class XI and XII	Rabindra Library, Kolkata	2014

MOHAMMED HANIF

Text Book Publications:

Title Publisher Latest edition ISBN No.

1. Modern Accountancy (Vol 1)

Tata McGraw-Hill Second (2010) 20th Reprint 978-0-07-463017-4

2. Modern Accountancy (Vol 2)

Tata McGraw-Hill Second (2010) 12th Reprint 978-0-07-049966-9

3. Financial Accounting Tata McGraw-Hill First (2010) 10th Reprint 978-0-07-058155-5

4. Corporate Accounting Tata McGraw-Hill First (2010) 8th Reprint 978-0-07-049966-9

5. Advanced Accounting for C.A. IPCC

Tata McGraw-Hill First (2010) 2nd Reprint 978-0-07-015160-4

6. Accounting for C.A.

IPCC and ATC

Tata McGraw-Hill First (2010) 2nd Reprint 978-0-07-026360-4

7. Advanced Accounting Vol -1

For C.A.PCC

Tata McGraw-Hill First (2010) 2nd Reprint 978-0-07-015159-8

8. Advanced Accounting Vol -2

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Tata McGraw-Hill First (2010) 2nd Reprint 978-0-07-026361-1



JNANRANJAN CHAKRABARTY

Publication of book: 1) Business Mathematics and Statistics, Publisher: Dey Book Concern Year: 2006. 2) Basic Mathematics, Publisher: Dey Book Concern Year: 2008. 3) Basic Statistics, Publisher: Dey Book Concern Year: 2008. 4) Advance Mathematics and Statistics, Publisher: Dey Book Concern Year: 2009. 5) ISC Mathematics, Vol.1-2, Allied Publishers Year: 2009

- * number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) –7
- * Citation Index – range / average - 4
- * SNIP -Nil
- * SJR -Global Business Review- sage publications- **SCImago Journal Rank) Score:: 0.211**
The Journal of Human Values-sage publications-). (**SCImago Journal Rank) Score:: 0.118**
South Asian Survey- sage publications -**SCImago Journal Rank Score: 0.188).**
- * Impact factor – range / average -Nil
- * h-index -2

15. Details of patents and income generated –
Nil

16. Areas of consultancy and income generated –
Nil

17. Faculty recharging strategies –
Orientation Programmes Are Held Every Semester

18. Student projects -

- o percentage of students who have done in-house projects including inter-departmental - Nil
- o percentage of students doing projects in collaboration with industries / institutes – Nil

19. Awards / recognitions received at the national and international level by

- o Faculty – 8 (Fr Felix Raj)
- o Doctoral / post-doctoral fellows – Nil
- o Students –



Volume 10

Individual Achievements

Adarsh Chamaria AIR 1 in the November'14 IPC Examinations conducted by ICAI.

Praveen Sancheti AIR 15 in the May'15 IPC Examinations conducted by ICAI.

Krishap Shah AIR 45 in the May'15 IPC Examinations conducted by ICAI.

Mukul Khater AIR 12 in CS Executive Examinations conducted by ICSI.

Participation in Fests

SRCC BusinessConclave

Aditya Agarwal 2nd Best Manager

Prof. Mrigank Pincha and Divyanshu Chokhani 2nd Finance

Ronak Chajjer and Saurabh Jain 2nd B-Plan

SRCC Shield -2nd

Christ University (B. Com) - PRAYAS

Ronak Gadhia 1st Best Manager

Sudarshan Daga and Madhusudan Kothari 2nd Corporate Treasure

Hunt

Shreyas Gupta and Arushi Dhupia 2nd Entrepreneurial

DevelopmentConfluence

Sahil Gupta and Uddhav Poddar 1st Diplomat's

Dilemma

Yash Rajgarhia and Tanuj Gupta 1st Explicate

BlissPoint

Siddhant Thakur, Yash Rajgarhia,

Sahil Gupta and Bhavik Vora 1st Unmanageable

Bhavik Vora, Yash Rajgarhia,

Sahil Gupta and Rahul Dhanuka 2nd Marketing

Maverick

Sympulse

Siddhartha Kochar 3rd Best Entrepreneur

Srijan Sharma and Vinayak Saigal 3rd B-Quiz/ B Quest

Mihir Shah 3rd Finance/ B Quest

XMC

Saurabh Mundhra 2nd Best Manager

Shreyash Jain and Rishab Khaitan 1st Marketing

Shrivatsa Bhatte and Vikram Kumar 2nd Finance and Quiz

Priyanka Kamdar and Radhika Jhavar 1st Human Resources

Priyanka Kamdar and Radhika Jhavar 2nd Public Relations

Hardik Bothra and Priyank Gupta 2nd B-Plan

Vidush Kauntia and Rachit Banthia 2nd CSR

Invictus – JD Birla Institute



Nehal Bengani and Pranay Agarwala Hunt	1st	Corporate Treasure
Vallari Agarwal and Yash Vardhan Agarwal Resource/Public Relations	2nd	Human
Shristi Bothra	1st	Extempore
Yash Vardhan Goenka, Sahaj Makati and Maanav Saraf League	2nd	Fantasy Premier
Uddhav Poddar and Shubham Agarwal	1st	Business Quiz 2nd
Devika Gupta and Malvika Bansal	1st	Waste to Watts
Jaishree Dudani	1st	Live Reporting
Jaishree Dudani, Yash Nyati, Suyash Chaudhary and Poorvi Jain Spring Fest, 2015	1st	Street Smart
Deepshekhar Bajoria, Payal Maloo	1st	BRAN D
Aditya Agarwal, Chirag Sarawagi	1st	Business Plan
Commercio Conclave '15		
Uddhav Poddar and Shubham Agarwal	1st	Business Quiz

Volume 9

Sourav Mundhra CS Executive - AIR 19 [December 2013 term]
Shubham Goyal AIR 5 in the June '14 CPT examinations.
Krishap Shah AIR 9 in the June '14 CPT examinations.

Performance In Fests

Name	Pos	Event Name
Overall result		

Christ University

(B. Com) – PRAYAS

Arshdeep Singh	1st	Best Manager
Rohit Mall and Aditya Prasad	1st	Entrepreneurship 3rd
Kushal Gupta and Pratik Chopra	1st	Corporate Treasure Hunt
Ronak Gadhia	3rd	Public Relations

XMC 2014

Nishant Jain and Siddharth Bhutra	1 st	Corporate Treasure Hunt
Rishab Khaitan and Shreyash Jain	2nd	Marketing
Sudarshan Daga and Akanksha Kedia	2nd	HR and PR 3rd
Saiyam Jain and Aman Agarwal	2nd	Finance
Piyush Tibrewal	3rd	Best Manager
Saket Merortra and Rohit Mall	3rd	Entrepreneurship

BLISSPOINT 2013

Ayush Modi	1 st	Unmanageable
Shreevats Bhattar		



Aman Goel

Abhishek Bose

Uddhav Poddar

1st Horse Trade

Mehul Agarwal

Vanshaj Jain

2nd Sell the sizzle, not the steak

Sahil Jain

Rachit Banthia

Volume 8

Achievements

Individual

RAUNAK AGARWAL

2ND CA-IPCC NOVEMBER.2012

SOURAV MUNDHRA

1ST CS-FOUNDATION, DECEMBER 2012

PRATEEK AGARWAL

15TH CS-FOUNDATION, DECEMBER 2012

ANKUSH BALANI

20TH CS FOUNDATION

SANKET BATRA

22ND CS FOUNDATION, DECEMBER 2012

MUKTESH JAIN

12TH CS- EXECUTIVE, DECEMBER 2012

(2ND in the Eastern Region)

SOURAV MUNDHRA

8TH CA-IPCC MAY 2013

AMIT KUMAR AGARWAL

20TH CA-IPCC, MAY 2013

ABHISHEK PRAHLADKA

23RD CA-IPCC MAY 2013

TANVI JAIN

37TH CA-IPCC MAY 2013

PRATEEK AGARWAL

40TH CA-IPCC MAY 2013

ABHISHEK LUNIA

44TH CA-IPCC MAY 2013

HARSHAL TODI

49TH CA-IPCC MAY 2013

DIVYANSHU CHOKHANI

4TH CA-IPCC MAY 2013

AKHIL AGARWAL

50TH CA-IPCC MAY 2013

Others

KAUSHAL BOOBNA

Highest Marks in Accountancy (100/100) in CA-IPCC, May 2012

ROHIT MALL

1ST In the Advertising Challenge organized by Google India, June 2013

NIKUNJ DALMIA "Navarati Navani Memorial Award" (1st position in the Eastern Region in CA-IPCC May 2013)

AYUSHI MONA and MITCHELL SAVIO HEMBRAM

TATA Crucible Business Quiz: 2nd runners up, East India Finals

Performance in Fests

Prayas, 2012, Christ College, Bangalore

Marketing: 1st - Umang Sonthalia and Harsh Nahata

Human Resource: 1st - Harsh Kumar Agarwal and Ronak Gadhia

Mock Stock: 1st - Varun Gupta, Varun Behani, Harsh Kumar Agarwal and Harsh Nahata



Best Manager: 2nd - Sushant Jaggi
Entrepreneurship: 2nd - Varun Gupta and Varun Behani
Finance: 3rd - Mayank Bansal and Rishikesh Bagri
Overall Winners: St. Xavier's College, Kolkata
IMI- Kolkata, Business Plan competition: 1st - Ayushi Mona
IIT Kharagpur, Magazine, Article Writing, Best Article - Ayushi Mona
X-Confero 2012 - 2nd place
Tanuj Gupta, Akash Goyal and Sourav Mundhra
Inertia 2013- HR PR Winners
Parth Poddar and Charu Singh
Inertia 2013 - Best Manager 2nd place
Harsh Agarwal
Sympulse 2013, Symbiosis College, Pune
Best Manager : 1st - Akhil Saraf
Human Resource : 2nd - Piyush Tibrewal
Entrepreneurship : 2nd - Mayank Rathi
Crossroads, NSHM College, BestBand - Rindo Sunny
YouThink Volume 7: Gamble
Achievements:
Priyanka Gupta 44th CA-IPCC November '11
Sourav Mundhra 7th CPT June '12
Kritika Jain 8th CS Foundation June '11
Manmohan Shaw 5th CPT June '12
Varsha Dalmia 25th CS Foundation December '11
Nikita Goel 15th CA-IPCC November '11
Swati Kejriwal 36th CA-IPCC November '11
Megha Agarwal 43rd CA-IPCC November '11
Neha Lath 44th CA-IPCC November '11
Jhalak Goyal 47th CA-IPCC November '11
Gaurav Jain 24th CS Foundation December '11
Abhishek Prahladka 8th CPT June '12
Siddharth Kedia 6th CS Executive December '11
Madhuri Chowdhury 35th CA-IPCC November '11
Jyoti Kheria 15th CS Executive December '11
Mayuri Saraf 13th CS Executive December '11
Mohit Jindal 24th CS Executive December '11
Aman Agarwal 25th CS Foundation June '11
Aditi Fatesaria 16th CS Foundation June '11
Others
Arushi Dhupia- Winner of Debating Matters India National Finals 2011.
Performance in Fests
1st in IISWBM, Kolkata



1st in Best Manager- Harsh Agarwal; 3rd in HR- Parth Poddar and Siddhant Gupta;
2nd in Debate and Medley- Charu Singh and Tarish Bagrodia; 3rd in Marketing-
Piyush Tibrewal, VinaProf.a Daga and Mayank Lohia, 1st in JAM- Maitri Kothari and
Juhi Shah.

2nd in ESPRIT, Christ University, Bangalore

2nd in Strategist- Darshan Dugar and Aditya Vikram Daga

XMC, St. Xavier's College, Kolkata

2nd in IQ Competition and Marketing- Darshan Dugar and Harsh Jain, The Godfather-
1st Prayush Poddar, The Sinister's Syndicate- 1st Gaurav Jain, Vedant Daga and
Dipayan Dey, The Betrayal of the Facade- 1st Ishaan Upadhyay, The Cungines and
Freemasonry - 2nd Sakshi Ganeriwal and Shashank Agarwal, The Chaotic Rapier- 2nd
Lal J Punjabi, CTH- 2nd Pranam Garg Acharya and Harsh K Agarwal.

Inertia, St. Xavier's College, Kolkata

2nd in Marketing- Darshan Dugar and Harsh Jain; 1st in Best Manager- Ayush
Tibrewal, 1st in Ambush Marketing- Ishaan Upadhyay, 2nd in Ad Spoof- Charu Singh
and Lal Punjabi, 1st in Marketing- Yashvardhan Kothari and Priyanshi Kejriwal.

2nd in Sympulse, Symbiosis College, Pune

2nd in HR- Varun Bhaia

Bemus 2011, Andhra Loyola College

1st in GD- Varun Gupta

Blisspoint 2011, (Sri Venkateshwara College, New Delhi)

1st Runners Up in The Economist, 2nd Runners Up in The Mock Stock- Ayushi Mona

Chanakya 2011 (St. Joseph's College of Commerce, Bangalore)

2nd in PR- Harsh Kumar Agarwal, 3rd in HR- Lal J Punjabi and Archit Agarwal

RA Poddar- National level Finance Fest in association with BSE

Bull Ring- Ankush Dhyawala, Sidhant Agarwal- 1st

Carbon Credits- Yashvardhan Kothari, Harsh Dugar- Best Leader

Super CFO Challenge- Siddharth Dalal, Shashank Agarwal- 1st

Ideas that Click- Ankush Dhyawala, Priyesh Dalmia- 2nd

Financial Planner- Sidhant Agarwal- 2nd

Bluebook- Sidhant Agarwal, Ankush Dhyawala- 2nd

Prayas 2011, Christ College, Bangalore

Marketing- Saurav Goswami and Ishaan Upadhyay- 3rd

HR and PR- Ayush Tibrewal and Siddharth Dalal- 1st

Finance- Sidhant and Mohit- 2nd

Quiz- Aayush Singh and Yashvardhan Kothari- 2nd

Entrepreneurship- Aditya Daga and Nikunj Bhaia- 1st

Intaglio 2012, IIM-C

1st in Marketing- Charu Singh, Debate- 1st- Charu Singh and Tarish Bagrodia, 2nd -
Juhi Shah and Disha Agarwal

Carpe Diem 2012, IIM-C

2nd in Debate- Charu Singh, 3rd in Personality Hunt- Charu Singh



Vol. 6

Kavish Jalan	2nd	PCC NVEMBER'10
Kunal Agarwal	17 th	IPCC NOVEMBER'10
Soumya Malani	25 th	IPCC NOVEMBER'10
Rohit Bajaj	32 nd	IPCC NOVEMBER'10
Abhishek Bajaj	35 th	IPCC NOVEMBER'10
Rahul Agarwal	38 th	IPCC NOVEMBER'10
Rohit Agarwal	9 th	IPCC MAY'11
Shilpa Murarka	12 th	IPCC MAY'11
Ayush Bagla	41 st	IPCC MAY'11
Shreya Seksaria	46 th	IPCC MAY'11
Kavish Jalan	25 th	CS Final
Masoom Manpuria	6 th	CS Foundation JUNE,10
Soumya Malani	11 th	CS Foundation JUNE,10
Sneha Chatterjee	22 nd	CS Foundation JUNE,10
Aditya Vikram Kejriwal	4 th	CS Foundation DECEMBER'10
Mohit Goenka	12 th	CS Foundation DECEMBER'10
Pratik Jain	12 th	CS Foundation DECEMBER'10
Nimisha Drolia	14 th	CS Foundation DECEMBER'10

Others

Nikhil Daga and Prayush Poddar represented The St. Xavier's College, Kolkata at Precipice 2011, which is an international Business plan competition hosted by CMS Jain Bangaluru at The Venetian, Macau. It was open to all Undergraduate and Postgraduate institutions in India with 5 teams being selected for the final round at The Venetian which included 3 teams from the IIMs.

Darshan Dugar bagged the 3rd position in the International Rowing Competition held in Bengal Rowing Club after competing against teams from Sri Lanka, Pakistan, and Bangladesh and reached quarterfinals at National teams including Chennai, Orissa, Chandigarh, Kerala and West Bengal.

Gaurav Jain secured the 4th position in the International Math Olympiad held in collaboration with Science Olympiad Foundation (SOF) and AMITY Institute, Delhi. Performance in Fests.

1st in BEMUS'10, Andhra Loyola College, Vijayawada

1st in Group Discussion - Pranam Garg; 2nd in Marketing - Darshan Dugar, Varun Bhaia, Shivam Sonthalia, Agnesh Kumar Verma, Sushant Jaggi, Ahonob Ganguly; 2nd in Best Manager - Siddharth Daniel Rao.

1st in INERTIA, St.Xavier's College, Kolkata

1st in Best Manager - Siddhant Jain; 2nd in Crisis Management - Aakash Bhotika and Wamika Mimani; 1st in Marketing - Chirag Jain, Darshan Dugar and Saket Gupta; 1st in Ads Spoof- Kashyap Tania and Shruti Parasrampur; 2nd in Reincarnation - Ayush Tibrewal and Prayush Poddar.

2nd in XMC, St.Xavier's BBA, Kolkata



1st in Best Manager - Saaket Gupta; 1st in Mock Stock – Saurav Joshua Goswami and Ishaan Upadhyay; 2nd in Melange de Trois - Ayush Tibrewal and Aayush Singh; 2nd in Finance - Mihir Mehta and Radhika Ganguly; 2nd in 6th degree - Saurav Goswami and Ishaan Upadhyay; 3rd in B-Plan- Sakshi Ganeriwal and Shashank Agarwal; 3rd in Bell's Grave - Mohit Maloo and Darshan Dugar.

2nd in BLISSPOINT, Sri Venkateswara College, New Delhi

2nd in Ads spoof - Prayush Poddar, Saurav Joshua Goswami and Shashank Agarwal; 3rd in BPlan - Prayush Poddar and Saurav Joshua Goswami; 3rd in Horse Trading - Mohit Maloo, Ayush Tibrewal and Shashank Agarwal.

2nd in SYMULATE, Symbiosis Management University, Pune

1st in Best Manager - Aswini Bajaj; 2nd in Human Resources - Mohit Maloo; 2nd in Entrepreneurship - Ayush Tibrewal; 2nd in Marketing - Shashank Agarwal; 2nd in Finance – Siddhant Agarwal.

2nd in ESPIRIT, Christ College, Bengaluru

1st in Monopoly - Group Event; 3rd in Bag of Money – Gautam Singhania and Ravi Agarwal.

2nd in KURUKSHETRA, The Bhawanipur College, Kolkata

2nd in Corporate Calendar - Gaurav Jain; 2nd in Sustainable development - Gaurav Jain and Archit Agarwal; 2nd in Brandishing your brand - Shashank Agarwal and Aayush Punatar; 3rd in Trade in ON - Gaurav Jain and Harsh Kumar Agarwal.

2nd in PRAYAAS, Christ College, Bengaluru

1st in Entrepreneurship - Nikhil Daga and Umang Sonthalia; 2nd in Best Manager - Siddharth Dalal; 2nd in Marketing - Rakesh Goyal and Saket Todi; 3rd in Finance - Mihir Mehta and Arihant Jain; 3rd in Mock Stock - Mihir Mehta, Arihant Jain, Siddhant Agarwal, Prateek Agarwala.

20. Seminars / Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any.

- UGC Sponsored National Conference organized by Departments of Commerce and Business Administration on 'Inclusive Growth, Business and Environment in India's Emerging Economy ' held at St Xavier's College during 6th - 7th September 2013.
- UGC Sponsored National Conference on "Re-imaging India : Challenges and Opportunities in Finance, Management and Policy Making", organized by Departments of Commerce and Business Administration held on 19th and 20th September, 2014, at St. Xavier's College (Autonomous), Kolkata, organized in collaboration with International Management Institute, Kolkata.
- UGC Sponsored National Workshop on Research Methodology Using SPSS organized by Departments of Commerce and Business Administration at St. Xavier's College (Autonomous) 30, Mother Teresa Sarani, Kolkata – 700016 In Collaboration with Institute of Development Studies, Kolkata during 1st - 8th October, 2015



21. Student profile course-wise:

Name of the Course (refer question no. 2)	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
B.Com (H) 2014-15	2676	809	Nil	87.22%	Nil

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the College	% of students from the state	% of students from other States	% of students from other countries
B.Com (H) 2014 - 15	Nil	82.80%	16.80%	0.40%

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations-

90% of our students clear CA, CS , ICWA, ACCTURIALS , CFA and some complete CAT, XAT, GMAT .

24. Student progression

Student Progression	Percentage Against Enrolled
Ug To Pg	80%
Pg To M. Phil	Nil
Pg To Ph.D	Nil
Ph.D To Post-Doctoral	Nil
Employed	
1. Campus Selection	45 %
2. Other Than Campus Recruitment	15%
Entrepreneurs	15%

25. Diversity of staff

- a)Percentage of faculty who are graduates of the same parent university -19%
- b)from other universities within the State-Nil
- c) from other universities from other States- Nil

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period-

5

27. Present details about infrastructural facilities

- a. Library – Central Library



- b. Internet facilities for staff and students – Central Computer Lab
- c. Total number of class rooms – All Classrooms for B. Com (M) classes
- d. Class rooms with ICT facility – All Classrooms.
- e. Students' laboratories – Central Computer Laboratories
- f. Research laboratories - Nil

28. Number of students of the department getting financial assistance from College

An initiative introduced in the department in specialization semesters namely Sem V and Sem VI is with regard to introduction of Project and Seminar Presentation (Code – PSAA3601 and PSBA 3601) in the syllabus.

The working modality of this paper is student of specialization group-centric. They are placed under an Academic Guide which is in case of sem V:

- i. An external faculty (one from the organization where they are working as an intern).
- ii. An internal faculty (one of the Professor from the Department of Accounting and Finance and Marketing Management).

The Internship course on completion is supported by an Internship Certificate. 100% of the student take up this course work mandatory as a part of their curriculum.

The final semester in semester VI the students are asked to:

- i. Prepare a Project Report of at least 5000 words; and
- ii. Deliver a presentation judged by External Guide (one from academic faculty of outside institution) and by an internal guide (one from academic faculty within the department); and
- iii. Marks are awarded by both the guides.

100% of the students has to take up this course work and this becomes a part of their degree award.

The Project report judged by the Peer Group is published in the magazine brought out by the Xavier Commerce Society (XCS) annually.

A Statistical Survey :

Department	2014		2015	
	Appeared	Passed	Appeared	Passed
Accounting and Finance	526	526	494	494
Marketing			243	243

29. Was any need assessment exercise undertaken before the development of new programme(s)? If so, give the methodology.

Introduction of orientation programme organised occasionally and faculty in groups internally along with the suggestions from experts in Academia and Industry share their views at the staff oriented meetings.

Methodology:

- i.
 - a. Inputs are sought from the



- b. Outgoing students
- c. Industry Experts in the relevant field
- d. Academic experts in the relevant field
- ii. Analysis of the inputs and feedback through meetings and discussion in the department
- iii. Listing key outcomes of such exercise
- iv. Collective decision making
- v. On current issues conference and/or seminars are organised.

30. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
- b. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?
- c. alumni and employers on the programmes and what is the response of the department to the same?
 - i. Individual departments conduct meetings to reflect on the ongoing teaching-learning practices and scope of improvement. BOS held to deliberate and approve the views of faculties and experts from various departments and streams.
 - ii. Students are asked to provide feedback on the faculty, curriculum and the academic environment they experience. Departmental meetings are held to reflect and deliver on –
 - a. Analysis of the important points mentioned by students on individual departmental basis
 - b. Analysis of the semester results
 - c. Communicating decisions through COE office to any specific input w.r.t. syllabus
 - iii. Expert advice from industry experts is invited. The curriculum restructuring team for the department consist of a member form industry, a member from alumni and internal faculty members.

31. List the distinguished alumni of the department (maximum 10)

- 1. Laxmi Niwas Mittal
- 2. Sourav Ganguly
- 3. Sanjib Goenka
- 4. Harsh Neotia
- 5. Gopalakrishnan
- 6. Ropen Roy
- 7. Sanjay Budhia
- 8. Arjun malhotra
- 9. B M Khaitan.
- 10. Vikash Ahuja



32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts

Innovision is an intra-college week long counselling event where professionals across various fields of business and academic institutions advise the students on numerous career options as well as matters pertinent to their personal life. Innovision provides 14 seminars by experts from TCC, Uber, Mad Over Marketing and Toast Masters, to name a few. Various topics on financial management, entrepreneurship development, career options are held for the students. The seminars, conducted for B.Com and BBA students, are a great learning experience as they cover diverse fields and topics.

33. List the teaching methods adopted by the faculty of different programmes.

Teaching methods adopted by department of Information Technology:

1. Traditional method – using Chalk and Duster / Black Board / White Board
2. Using Audio-Visual aids
3. Handouts
4. Uploading relevant materials from time to time on website link specific to the department
5. Interactive sessions with students on current issues in class and outside the class
6. Class seminar

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Faculty interaction sessions and Faculty Orientation Programme held frequently to meet the requirement of upgrading the syllabus and maintain uniformity in delivering the same to students. Thereby this practice commensurate the need to equip the faculty to make themselves prepared.

Learning outcome monitoring is done through:

- a) Student feedback mechanism to evaluate the teachers of their learning outcome.
- b) Review of semester result by the department and the critical analysis of the same to find the areas requiring attention
- c) Meeting with the representatives of individual department to communicate the current status of the programme and any other information

35. Highlight the participation of students and faculty in extension activities.

Students and faculty of the department are intensely involved in multiple extension activities. The academic initiatives combined with practical exposure are undertaken such as visit to industries, organization of seminars and conferences (both academic as well as industrial seminar) etc. The department also encourages participation in the activities to understand the realities of the life such as College to Village and village to college outreach (Prayas project), social outreach programme, etc.



36. Give details of “beyond syllabus scholarly activities” of the department

INNOVISION

Innovision is an intra-college weeklong event consisting of various career-oriented sessions, which assist students to converge theory into practice and explore a wide array of career options. These seminars provide a platform for our future entrepreneurs by providing the best means of resource and knowledge sharing. The event incorporated seminars on the lines of the Financial Market, Management, Entrepreneurship, Marketing, Career Options, Photography and Graphology.

INCEPTION

Inception is one of the flagship events of the society, which is held exclusively for the first year students of St. Xavier's College. It involves a series of tasks starting from the group discussion and written round, followed by rounds on Public Relations, Marketing, Human Resource Management and Personal Interview. For the incoming students, it was a platform to display their talents and leave a mark amongst legends.

X-CALIBRE

X-Calibre is an Intra-College management festival whose main aim is to test the skill, innovativeness and fortitude of the students and giving them an insight to the practical application of knowledge in the business world. X-Calibre consists of events such as Best manager, Corporate quiz, human Resources, Public Relations, International Relations, to name a few.

INTELLIGENTSIA

Intelligentsia is a panel discussion that brings together some of the most eminent personalities. The panelists share their views on various areas.

YOUTHINK

Youthink is the annual journal of the Department of Commerce, St. Xavier's College. The essential purpose of this publication is to inform, engage, and inspire the students about the various economic and financial scenarios prevalent in the world today. Over 4,000 copies of the journal were distributed, which reached various corporates and the top 50 colleges of the country, including the Indian Institutes of Management (IIMs). Youthink is a recognized journal, with its own unique ISSN number.

X-PEDITION

X-Peditions are instrumental in providing the students of the Commerce Departmental practical knowledge, acquainting them with the various processes involved in any industry. The industries visited in previous years ranged from a roller and train wagon-manufacturing unit at Jessop and Co. Ltd., to a Falcon Tyres and Dunlop Tyres manufacturing unit at Mysore (Karnataka) and an Exide battery production unit among others.

INSIGNIA

Insignia, the Annual Management Festival of St. Xavier's College (Autonomous), Kolkata looks to provide a national level platform to today's youth who aim to step into the shoes of high profile corporates. The two day festival looks to hone the skills of all participants, as they are taken through a breathtaking quest into the world of



management. The two day festival will put the youth through rigorous situations that act as a test of their corporate outlook, providing them with a chance to carve out their niche in this corporate domain at the earliest chance possible. The Insignia promises to be the basis to the merciless battle ever witnessed as each one displays their capability to stand out and lead their troops to victory, whatever be the circumstances. The colleges that have been a part of Insignia include Shri Ram College of Commerce (Delhi), Christ University (Bangalore), Loyola College (Chennai), Symbiosis College (Pune), CMS (Bangalore) and Sri Venkateswara College (Delhi).

NATIONALS

With persistent endeavors to transform the perception and skill to the youth, XCS initiated Nationals. Nationals consisted of an array of events, namely, B-Plan and B-Quiz, Advertising. Open to applications from any undergraduate students in India, National bridged the liaison between opportunity and talent. Nationals experienced a record number of registrations for B-Plan and B-Quiz with 300 and 450 registrations, respectively.

37. State whether the programme/ department is accredited / graded by other agencies. Give details.

The college gets accredited on the basis of various activities of the department.

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- Up to date and industry oriented syllabus.
- Compulsory Internship leading to fruitful relations between the student and the firm translating into employment opportunities.
- Eminent academics and experienced professionals invited to present Classroom Seminar on a regular basis.
- Significant improvement in the examination and evaluation process.

Weaknesses:

- Inadequate research and consultancy activities.
- Inadequate texts and references in the library
- Number of students for project guidance per professor is excessive
- Students' apathy to go beyond examination and syllabus.
- Teacher-student ratio too high
- Late specialization (Specialization for merely two semesters in found to be inadequate).

Opportunities:

- Strengthening liaison with industry through consultancy.
- Corporate placement cell exclusively for marketing students.
- Seminar Library



- Better utilization of smart classrooms in conducting case studies, business games, simulations, etc.
- Inter-disciplinary research.

Challenges

- The industry prefers professional qualifications to general degrees.
- Corporate for entry level jobs in marketing do not always specifically look for those having specialized in marketing. It is open for all.
- With reference to the apathy of students, teaching often tends to get too examination oriented and notes based.
- Not all students have access to reputed firms that would make their internships worthwhile.
- Burden of too many students per professor for project guidance may compromise on the level of personal interaction between the student and the supervisor dilute the quality of such project.
- The widespread usage of digital academic environment puts enormous challenge to faculty fraternity to cope up. To address this issue the faculties should be keen in organizing orientation programme.

39. Future plans of the department.

- iii. To engage in consultancy
- iv. To structure courses in collaboration with institutions



Evaluation Report of the Department – B. Com (Raghabpur)

- Name of the Department and its year of establishment –**
B.Com, 2014
- Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)–**
Under Graduate
- Interdisciplinary courses and departments involved –**
Nil
- Annual/ semester/choice based credit system –**
Semester
- Participation of the department in the courses offered by other departments –**
Compulsory English, Compulsory Bengali, EVS, Foundation Course and Communicative English.
- Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)**

Post	Sanctioned	Filled
Professor	NIL	NIL
Associate Professor	NIL	NIL
Assistant Professor	NIL	NIL

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. of Yearsof Experie nce	No. of Ph.D.St udentsg uided for thelast 4 years
Prof. JnanranjanChakr abarty	M.Sc (Applied Maths)	Associate Professor	Applied Maths	35	
Dr. Smwarajit Lahiri Chakravarty	MA (ECONOMIC S), Ph.D	Associate Professor	Economics	18	
Prof. Samrat Roy	M.Sc (ECONOMIC	Assistant Professor	Econometrics and OR	10	



	S)				
Prof. Anindita Ghosh	M.Sc., M. Phil (ECONOMIC S)	Assistant Professor	Monetary Economics	6	
Prof. Anulekha Banerjee	M.Com	Assistant Professor	Marketing Management	9	
Prof. Soumya Banerjee	M.Com., DBF	Assistant Professor	Accounting and Finance	10	
Prof. Rinita Das	LL.B, LL.M	Assistant Professor	Law	8	
Prof. Anirban Ghosal	M.Com	Assistant Professor	Accounting and Finance	7	
Dr. AyanMajumdar	M.Com, Ph.D., FCA	Assistant Professor	Accounting and Finance	13	
Prof. Soma Nath	M.Com; MBA	Assistant Professor	Marketing Management	7	
Prof. Santa Ghosal	M.Com	Assistant Professor	Marketing Management	7	
Dr. SudakshinaBasu	M.A., Ph. D.	Assistant Professor	Bengali	10	
Dr. Debashis Bhattacharyya	MA, M. Phil, Ph.D	Assistant Professor	Bengali	9.5	
Prof. Saugata Mitra	M.Sc (Mathematics)	Assistant Professor	Cosmology	0.5	
Prof. Swaraj Kumar Nandan	M.Com	Assistant Professor	Information Technology	1	
Prof. Camellia C. Burman	M.Com	Assistant Professor	Accounting and Finance	0.5	
Prof. Utsav Nath	LL.B., LL.M.	Assistant Professor	Law		
Prof. Sourav Das	M.Com	Assistant Professor	Accounting and Finance	0.6	

Most of the teachers are from the main campus

8. **Percentage of classes taken by temporary faculty – programme-wise information**
94.44 % class has been taken by the temporary faculty.
9. **Programme-wise Student Teacher Ratio –**
1:13
10. **Number of academic support staff (technical) and administrative staff: sanctioned and filled. –**
Nil



11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise. –

Nil

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received –

Nil

13. Research facility / centre with– Nil

- state recognition
- national recognition
- international recognition

14. Publications: – Nil

- * number of papers published in peer reviewed journals (national / international)
- * Monographs
- * Chapter(s) in Books
- * Editing Books
- * Books with ISBN numbers with details of publishers
- * number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- * Citation Index – range / average
- * SNIP
- * SJR
- * Impact factor – range / average
- * h-index

15. Details of patents and income generated –

Nil

16. Areas of consultancy and income generated –

Nil

17. Faculty recharging strategies –

Nil

18. Student projects –

- percentage of students who have done in-house projects including inter-departmental
- percentage of students doing projects in collaboration with industries /



institutes

Nil

19. Awards / recognitions received at the national and international level by –

- Faculty
- Doctoral / post-doctoral fellows
- Students

Nil

20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. –

Nil

21. Student profile course-wise:

Name of The Course	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
B.COM					
2014-2015	25	11	14	-	-

22. Diversity of Students

Name of the Course	% of students from the college	% of students from the State	% of students from the other State	% of students from the other countries
2014-15	NA	100%	-	-

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? –

Nil

24. Student progression

Student Progression	Percentage Against Enrolled
Ug To Pg	Nil
Pg To M. Phil	Nil
Pg To Ph.D	Nil
Ph.D To Post-Doctoral	Nil
Employed	
1. Campus Selection	Nil
2. Other Than Campus Recruitment	Nil
Entrepreneurs	Nil

25. Diversity of staff – Nil



Percentage of faculty who are graduates	
of the same parent university	
from other universities within the State	
from other universities from other States	

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

Nil

27. Present details about infrastructural facilities

- Library – 1 Library
- Internet facilities for staff and students – All computers are equipped with internet
- Total number of class rooms - 1
- Class rooms with ICT facility - Nil
- Students' laboratories – 1 Computer Laboratory
- Research laboratories – Nil

28. Number of students of the department getting financial assistance from College. –

2 Students get financial assistance

29. Was any need assessment exercise undertaken before the development of new programme(s)? If so, give the methodology. –

Nil

30. Does the department obtain feedback from

a.Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize it?	Yes
b. Students on staff, curriculum as well as teaching-learning evaluation and what is the response of the department to the same?	Yes
c.Alumni and employers on the programmes and what is the response of the department to the same?	Yes

31. List the distinguished alumni of the department (maximum 10) –

Nil

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Special lecture by CMA Dr. DhrubaRanjan Dandapat on Activity Based Costing.

33. List the teaching methods adopted by the faculty for different programmes.

Chalk and Talk with Audio visual are used for teaching



34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

- Internal Monitoring System
- Students' Counselling (Need Based)

35. Highlight the participation of students and faculty in extension activities. –
Nil

36. Give details of “beyond syllabus scholarly activities” of the department. –
Nil

37. State whether the programme/ department is accredited/ graded by other agencies. Give details. –
Nil

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths:

- Committed faculty members
- Well-equipped classrooms
- Research based teaching methodology
- Continuous Internal Assessment

Weaknesses:

- Inadequate permanent faculty members
- Limited number of students
- Limited number of specialization
- Limited time span of class hours

Opportunities:

- More interaction with the industries
- More area of specialisation
- Availability of efficient human resources

Challenges:

- Retention of the efficient human resources
- More ICT based teaching and communication methodology
- Upgrading the quality of education

39. Future plans of the department.

- Collaboration with Industry for enhancement of faculty strength
- Increasing scope for industry based consultancy/projects



Evaluation Report of the Department – M.Com

- Name of the Department and Year of Establishment:**
Post Graduate Department of Commerce, 2007
- Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) –**
Masters of Commerce in Accounting and Finance, Master of Commerce in Marketing
- Interdisciplinary courses and departments involved : Courses:**
Statistics Ancillary, Department involved
- Annual/ semester/choice based credit system :**
Semester Based. Total 4 semesters in two years.
- Participation of the department in the courses offered by other departments:**
NA

- Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)**

Post	Sanctioned	Filled
Professor	0	0
Associate Professor	0	0
Assistant Professor	2	2

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. of years of experience	No. of PhD students guided for the last 4 years
Dr. Sanjib Kumar Basu	Ph.D, M.Com, CA	Associate Professor	Accounting and Finance	24 Years	3
Mr.	M.Com,	Assistant	Accounting	13 years	



Soumya Saha	MBA, M. Phil, PGDFM, Ph.D (registered)	Professor	and Finance		
Mr. Sumanta Dutta	M.Com, MBA, M. Phil, Ph.D (registered)	Assistant Professor	Marketing	15 years	

8. Percentage of classes taken by temporary faculty – programme-wise information

—

36.11 % class has been taken by the temporary faculty.

9. Programme wise Student Teacher Ratio:

1:17

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled :

Sanctioned 2 and Filled 2

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

Nil

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. :

No. of Faculty - 1

Funding Agency -National, UGC,

Grants Received- Rs. 185000

13. Research facility / centre with – Nil

- state recognition
- national recognition
- international recognition

14. Publications:

Peer reviewed journals (Nationals)	15
Peer reviewed journals (Internationals)	10
Monographs	NIL
Chapter(s) in Books	NIL



Books with ISBN numbers with details of publishers	NIL
Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	5
Citation Index – range / average	27 (All) and 26 (since 2011) of Sumanta Dutta
SNIP	NIL
SJR	NIL
Impact factor – range / average	0-3
h-index	3 (All) and 3 (since 2011) of Sumanta Dutta

SOUMYA SAHA

Title of the Paper	Name of Journals/Magazines/Edited Volume
Inclusive Growth in India: Perspective and Reforms in Higher Education	The Chanakya- Journal of Rourkela Institute of Management Studies,2013,ISSN: 0972-3943
Need and Prospects of New Service Business for Elderly Population in LDCs	The Icfai University Journal of Entrepreneurship Development,June Issue, 2012,ISSN:0972-9127
Performance Measurement through Balance Scorecard – Recent Trends, Issues and Challenges in Indian Core Sector Management	People's Journal of Management,April Issue, 2012,ISSN: 0976-8572
Analysis of factors affecting investor's perception towards Mutual Fund investment with respect to Kolkata	The Icfai University Journal of Management Research,April Issue, 2011,ISSN: 0972-5342.
The Cross Functional Team – the new Success Mantra	HRM Review,August Issue, 2010,ISSN: 0972-5148
A study on the Factors affecting consumer buying behaviour of shoes: A case study in Kolkata	The Icfai University Journal of Management Research,April Issue, 2010,ISSN: 0972-5342.
Leveraged Buyout: An Indian Perspective	Portfolio Organizer,July 2009 edition,ISSN: 0972-5113
Inclusive Growth and Medical	ICFAI Reader,April 2009 edition,ISSN: 0972-



Tourism: An insight	5091.
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List of Publications in International Journals (with ISSN):

Total: 2

Title of the Paper	Name of Journals/Magazines/Edited Volume
Asymmetric Currency Exposure of Multinational Companies around the Financial Crisis of 2007-08: Evidence from India	Interdisciplinary Journal of Management & Behavioural Sciences, April-June 2012 Issue, <i>from India</i> ISSN: 2278-1285
Volatility Spillover between Foreign Exchange and Stock Markets around the Financial Crisis of 2007-08: Indian Evidence	International Journal of Applied Economics and Finance, May, 2011, 1991-0886

Sumanta Dutta

List of Publications in National Journals/Magazine (with ISSN):

Total: 7

Title of the Paper	Name of Journals/Magazines/Edited Volume
Sustainable Reporting and CSR: an emerging trend	SRM BIZAD Research Review(ISSN0952-4959), Vol.1, No.1, February, 2015 edited by Mr.M.Anand by Department of Business Administration, Faculty of Management, SRM University, Chennai, pp-155-157
Research, a collaborative platform for knowledge creation: Refocusing B-School Agenda	The Alternative, Vol:XII, No:02, April' 13 to September' 13, Department of Management, BIT, Mesra (ISSN 0973 0451) pp: 66-71.
Green Marketing: a Strategic Orientation	The Alternative, Vol:XI, No:01, October, 2011-March-2012, Department of Management, BIT, Mesra (ISSN-0973 0451) pp:62-74
ICT and rural infrastructure: cases from Indian rural sector	The IUP Journal of Infrastructure, Vol.IX, No.4, december 2011, (ISSN-0972 9194) pp:37-46
Triple Bottom Line Reporting: Need of The Hour	The Alternative, Vol:X, No:01, October, 2010-March-2011, Department of Management, BIT, Mesra (ISSN-0973 0451) pp:62-74
Understanding Cross border Costs and Benefit in Mergers and Acquisitions	The Alternative, Vol:IX, No:01, October, 2009-March-2010, Department of Management, BIT, Mesra (ISSN-0973 0451) pp-83-93
Green Banking: a new sustainable business practices	Journal of Management and Science in the special issue on Contemporary Benchmarking in Banking



	and Insurance Sectors in India edited by Dr.J.Arul Suresh and Dr.A.Vickram(Vol.III) (ISSN-2249-1260) by Department of Commerce(Shift II) of Loyola College under Madras University,pp-109-111
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List of Publications in International Journals (with ISSN):

Total: 8

Title of the Paper	Name of Journals/Magazines/Edited Volume
Humour in Indian Television Advertisement: A case based study	Viewpoint, An International Journal of Management and Technology, Vol.6, No.2, December-2015, pp-34-37
Triple Bottom Line Reporting: present research and future direction	Asian Journal of Research in Business Economics & Management, Vol.5, Issue.10, October-2015, pp-1-5 (online) (ISSN 2249-7315(Online), 2250-1665(Print).
Green Retail: promoting sustainable value chain	International Journal of Research in Management & Social Science Volume 3, Issue 3 (I): July - September, 2015 (ISSN 2322 0899), pp-43-44 with Impact Factor 1.713.
A case based analysis of Sexual Harassment at workplace: an Ethical role of Indian Inc.	Asian Journal of Research in Social Science & Humanities, Vol.4, Issue.9, September-2014, pp-132-139 (ISSN 2249-7315(Online), 2250-1665(Print).
Retro branding: cases from Indian scenario	International Journal of Marketing & Technology, Vol.4, Issue-4, April-2014, (ISSN 2249-1058), pp-127-135.
Portrayal of women in Indian advertising: a perspective	International Journal of Marketing & Technology, Vol.3, Issue-3, March, 2013 (ISSN 2249-1058), pp-119-126 with Impact Factor 4.077.
Triple Bottom Line Reporting: an Indian perspective	Interdisciplinary Journal of Contemporary Research in Business (IJCRB), Vol.3, No.2, 12, April 2012, pp-652-659 (ISSN 2073-7122).
Greening People: a strategic dimension	Excel International Journal of Business, Economics and Management Research, Vol.2, Issue.2, (ISSN 2249-8826), pp-143-148



15. Details of patents and income generated

Areas of Consultancy	Income Generated
Training and Development of PRI System	-
Assessment Performance Appraisal of ISGP Projects of Govt. of West Bengal	-

16. Areas of consultancy and income generated –
Nil

17. Faculty recharging strategies –
Nil

18. Student Projects:

- percentage of students who have done in-house project including inter-departmental
- percentage of students doing projects in collaboration with industries / institutes

Year	Percentage	Finance	Marketing
2015-16	100%	46	25
2014-15	100%	38	25
2013-14	100%	42	28
2012-13	100%	39	13
2011-12	100%	38	25

In-house

Year	Percentage
2015-16	4

19. Awards / recognitions received at the national and international level by –

Faculty – Best Paper Award: 2

Mr. Soumya Saha	01
Mr. Sumanta Dutta	01

Student: Best paper Award: 01

Mr. Shaunak Bandhopadhyay (2014-15)	Presented a paper along with Prof. Soumya Saha in a National Conference organised by JD Birla Institute of Management. (Awarded Best Paper)
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20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. –



Name	Type	Source of Funding	National/International
ICT Intervention in Gram Panchayat Accounting: Problems and Prospects	Workshop 16 th December, 2014	UGC	National
Overcoming Challenges for Sustainable Corporate Excellence	Symposium, 21 st March, 2015	ICSSR	National
Redefining Business Vision: Issues and Challenges	National Conference Kolkata in collaboration with Department of Commerce, University of Calcutta on 19th March, 2016	ICSSR and UGC	National

21. Student profile Course Wise

Name of The Course	Application Received	Selected		Pass Percentage	
M.COM		Male	Female	Male	Female
2015-2016	268	30	41	-	-
2014-2015	259	39	31	-	-
2013-2014	219	27	48	100	88.89
2012-2013	231	26	34	76.19	96.77
2011-2012	242	21	46	72.22	93.19

22. Diversity of Students:

Name of the Course	% of students from the college	% of students from the State	% of students from the other State	% of students from the other countries
2015-2016	29.57	71.83	28.16	-
2014-2015	35.71	75.71	24.28	-



2013-2014	30.66	68	32	-
2012-2013	38.33	81.66	18.33	-
2011-2012	46.26	82.08	17.91	-

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

Sl No	Name of the Student	Year of passing M.COM	Name of Examination Cleared
1	Heena Chowdhury	2015	NET
2	Camellia C. Burman	2014	SLET and SET
3	Hanzala Awais	2014	NET
4	Chetan Sharma	2014	NET
5	Gholam Syedain Khan	2009	NET
6	Soumendra Laha	2010	NET
7	Abhinab Ghosh	2010	NET
8	Chandra Kant Parmar	2010	NET
9	Joyita Banerji	2014	NET
10	Souvik Batyabal	2013	NET
11	Priyadarshini rasquinha	2012	NET

24. Student progression:

Nil

25. Diversity of Staff

Percentage of faculty who are graduates	
Of the same parent University	100%
From other Universities within the State	X
From other Universities from other States	X

26. Number of Faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period

Ph.D.	2
D.Sc.	X
D.Litt.	X

27. Present details about infrastructural facilities

- Library- Department has its own departmental library
- Internet facilities for staff and students- Available to all staff and students
- Total number of class rooms- 3



- d) Class rooms with ICT facility- 3
- e) Students' laboratories- Nil
- f) Research laboratories- Nil

28. Number of students of the department getting financial assistance from college

Year	Number of students received financial assistance
2015-16	4
2014-15	7
2013-14	5
2012-13	14
2011-12	11

29. Was any need assessment exercise undertaken before the development of new programme(s)? If so, give the methodology.

Exit feedback system is available for each department.

30. Does the department obtain feedback from?

a. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize it?	Yes
b. Students on staff, curriculum as well as teaching-learning evaluation and what is the response of the department to the same?	Yes
c. Alumni and employers on the programmes and what is the response of the department to the same?	Yes

31. List the distinguished alumni of the department (maximum 10)

Nil

32. Give details of student enrichment programmes (special lectures/workshops/seminar) with external experts.

- Tapas Mukherjee on Analytical Ability
- Raj Ganguly on Soft skill Development

33. List the teaching methods adopted by the faculty for different programmes.

- a) Subject based Lecture
- b) Case-Base Methodology
- c) Industry Academic interface (Internship)
- d) Continuous Internal Assessment
- e) Class Room Presentation



- f) Assignments
- g) Dissertation

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

- a. Continuous Monitoring
- b. Internal Monitoring System
- c. Student Teacher meeting
- d. Student's counselling (Need Based)

35. Highlight the participation of students and faculty in extension activities.

12 Students

36. Give details of “beyond syllabus scholarly activities” of the department.

Ms. Camellia C Burman (M.Com.Batch:2012-14)	Published a research paper along with Dr.(CA) Sanjib Kumar Basu in Aviskar,September,2015 (Special Issue),ISSN:2277-8411
Mr. Shaunak Bandhopadhyay (2014-15)	Published a research paper along with Prof. Soumya Saha in SITJM. June 2015, ISSN: 2278-9111 (IF: 1.232)
Mr. Shaunak Bandhopadhyay (2014-15)	Presented a paper along with Prof. Soumya Saha in a National Conference organised by JD Birla Institute of Management. (Awarded Best Paper)
Ms. Purnima Khemani (2015-16)	Presented a paper along with Prof. Soumya Saha in a National Conference organised by JD Birla Institute of Management.
Mehar Gosal and Rohan Volrath (M.Com.Batch:2014-16)	Published a case study along with Prof.Sumanta Dutta in VIEWPOINT, an International Journal of Management & Technology,vol.6,No.2,December-2015,ISSN:2229 3925
Mehar Gosal and Sayani Mandal (M.Com.Batch:2014-16)	Presented a paper along with Prof. Sumanta Dutta in a National Conference organised by JD Birla Institute of Management.

37. State whether the programme/department is accredited/graded by other agencies. Give details. –

Yes, it is accredited by UGC.



38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- Committed faculty members
- Visiting faculties from Industries
- Well-equipped classrooms
- Research based teaching methodology
- Continuous Internal Assessment

Weaknesses:

- Inadequate permanent faculty members
- Limited number of students
- Limited number of specialization
- Limited time span of class hours
- Pending adoption of Choice Based Credit System

Opportunities:

- Avenues for awarding M.Phil and Ph.D degrees
- More interaction with the industries
- Demand for the course and scope for expansion
- More area of specialization
- Availability of efficient human resources

Challenges:

- Good number of colleges offering Master Degree of Commerce
- Better placement of the students
- Retention of the efficient human resources
- More ICT based teaching and communication methodology
- Upgrading the quality of education

39. Future plans of the department.

- a) Introduction of M.Phil/PhD Programme
- b) Collaboration with Industry for enhancement of faculty strength
- c) Increasing scope for industry based consultancy/projects



Evaluative Report of the Department – Department of Education (B.Ed.)

- Name of the Department and its year of establishment :**
Department of Education (B.Ed.), 1961
- Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):**
B.Ed.
- Interdisciplinary courses and departments involved:**
NIL
- Annual/ semester/choice based credit system:**
1 Year (2 Semesters)
- Participation of the department in the courses offered by other departments :**
Nil
- Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)**

	Sanctioned	Filled
Professors	-	-
Associate Professors	2	2
Asst. Professors	5	4

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Prof. Swati Sarkar	M.Sc., M.Ed.	Vice-Principal	Geography	26 years	NIL
Dr. Mandira Mukherjee	M.A(Hist), M.A.(Ed). Ph.D. (Ed)	Associate Professor	History	33 years	NIL
Dr. Charlotte	M.A.(Eco.), M.A.(Ed),	Assistant Professor	Education	17 years	NIL



Simpson Veigas	B.Ed., M. Phil., Ph.D.				
Dr. Sunita Singh	M.A. (Eng.), B.Ed., M.Ed., PH.D. (Education)	Assistant Professor	English	03 years	NIL
Dr. Rajib Mukhopadhyay	M.Sc., M.Ed., Ph.D. (Ed)	Assistant Professor	Science	16 years	NIL
Prof. Monali Chakraborty	M.Sc., M. Phil., B.Ed., M.Ed	Assistant Professor	Science	07 years	NIL
Fr. M. S. Arockiasamy	M.A.(Eng), M.Ed.	Assistant Professor	English	02 years	NIL
Ms. Sirin Roy	M.Sc.(Phy), B.Ed	Part time Prof.	Physics	19 years	NIL
Ms. Anindita Bej (AB)	M.A.(Ben), B.Ed	Guest Prof.	Bengali	06years	NIL
Ms. Sadhna Jha	M.A., M.Ed., M. Phil.	Guest Prof.	Hindi	17 years	NIL
Ms. Soma Ray	M.Sc., B.Ed.	Guest Prof.	Mathematics	05 years	NIL
Ms. Susmita Pal	M.A., M.Ed.	Guest Prof.	Political Science	03 years	NIL

8. **Percentage of classes taken by temporary faculty – programme-wise information**
31.81%

9. **Programme-wise Student Teacher Ratio :**
1:14

10. **Number of academic support staff (technical) and administrative staff: sanctioned and filled**

Academic support staff (technical):

Sanctioned	filled
8	0



Administrative Staff:

Sanctioned	filled
1	0

- 11. Number of faculty with on-going projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.**

Nil

- 12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received :**

Nil

- 13. Research facility / centre with**

- state recognition: Nil
- national recognition : Nil
- international recognition : Nil

- 14. Publications:**

- * Number of papers published in peer reviewed journals (national / International)
 - National-24
 - International-6
- * Monographs :Nil
- * Chapter(s) in Books: 7
- * Editing Books : Nil
- * Books with ISBN numbers with details of publishers : Nil
- * Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : Nil
- * Citation Index – range / average : Nil
- * SNIP : Nil
- * SJR : Nil
- * Impact factor – range / average : Nil
- * h-index : Nil

- 15. Details of patents and income generated :**

Nil

- 16. Areas of consultancy and income generated:**

Nil

- 17. Faculty recharging strategies**



- Orientation Programme
- Refresher Course
- One Preparatory day in a week

18. Student projects

- percentage of students who have done in-house projects including inter-departmental : **100%**
- percentage of students doing projects in collaboration with industries / institutes : **NIL**

19. Awards / recognitions received at the national and international level by

FACULTY		Doctoral/Post-Doctoral Fellows		STUDENT	
National	International	National	International	National	International
0	1	3	0	0	0

20. Seminars/ Conferences/Workshops organized and the source of funding (national /International) with details of outstanding participants, if any.

National-1

(Source of funding was U.G.C)

International -0

21. Student profile course-wise:

Name of the Course:	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
B.Ed.	896	22	82	95.45	97.56

22. Diversity of Students

Name of the Course:	% of students from the College	% of students from the state	% of students from other States	% of students from other countries
B.Ed.	8.41	73.83	17.75	0

23. How many students have cleared Civil Services, Defence Services, NET, SLET, GATE and any other competitive examinations?

- 06 students cleared NET



24. Student progression

Student progression		Percentage against enrolled
UG to PG		100
PG to M. Phil.		Nil
PG to Ph.D.		Nil
Ph.D. to Post-Doctoral		Nil
Employed	Campus selection	15
	Other than campus recruitment	44
Entrepreneurs		--

25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	75%
from other universities within the State	08%
from other universities from other States	17%

26.

Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. - 03

27. Present details about infrastructural facilities

a) Library

B.Ed. library computerized.

	Exisiting		Newly added		Total	
	No	Value	No	Value	No	Value
Text Books and Reference Books	9273	4, 38, 000 approx (from 1980 onwards)	193	40244	9466	Rs. 4,78,244
e-books	-					
Journals	7	50507			7	50507
e-journals	-					
Digital Database						
DD & Video	-		15 (from Central Library)+8 (Purchases)	1320	23	1320
Others (Specify)						



- b) Internet facilities for staff and students: 06 computers with internet facility.
- c) Total number of class rooms : 5 classrooms
- d) Class rooms with ICT facility : 2 classrooms
- e) Students' laboratories :
 - Geography laboratory: 01
 - Physical Science laboratory: 02
 - Life Science laboratory: 01
- f) Research laboratories : NIL

28. Number of students of the department getting financial assistance from College.

- Total number of students who got financial assistance from the college = 24
- In addition to financial assistance railway concession is provided to the students.

29. Was any need assessment exercise undertaken before the development of new programme(s)? If so, give the methodology.

Nil

30. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

- Feedback is obtained through departmental meetings.
- Feedback from external experts in IQAC and Board of Studies meetings.
- Feedback through external evaluation conducted by academic peers.
- Feedback from teachers of other colleges during Teacher Exchange Programmes.
- Feedback from external experts at the time of syllabus revision.
- The college website announces that feedback is welcome from all stakeholders.
- It is reviewed, the areas are identified and the changes to be brought about are discussed in the departmental meetings, IQAC meetings and BOS meetings and finally necessary steps are taken.

b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

- Through a structured questionnaire
- Through a Grievance cell
- Through meetings of General Secretary, Asst. General Secretary and Student Council with the Vice Principal of Deptt. of Education.
- Through an open forum of students with the Vice Principal of Deptt. of Education.



- The feedback obtained is conveyed to the faculty members. It is reviewed, the areas are identified and the changes to be brought about are discussed in the departmental meetings, IQAC meetings and BOS meetings and finally necessary steps are taken.
- c. Alumni and employers on the programmes and what is the response of the department to the**
- i. Alumni: The ex-students of the department meet the Vice Principal of Department of Education from time to time when they give their feedback. However, the department has opened a wing of Alumni/ae Association.
 - ii. Employers/Industries:
 - There is a Teacher – Headmaster Association which holds meeting annually where feedback on curriculum is obtained.
 - During Practice Teaching the Mentors of different Practice Teaching Schools keep in touch regularly with the school authority and obtain feedback.
 - After Practice Teaching Programme, written feedback is obtained from the Head of the Institution.

The feedback obtained is conveyed to the faculty members. It is reviewed, the areas are identified and the changes to be brought about are discussed in the departmental meetings, IQAC meetings and BOS meetings and finally necessary steps are taken.

31. List the distinguished alumni of the department (maximum 10)

1. Fr. Dr. Dominic Savio, S.J., Vice Principal, Department of Commerce, St. Xavier's College, Kolkata
2. Fr. Benny. Thomas, S.J., Principal, Secretary, St. Xavier's Collegiate School, Kolkata
3. Fr. Devraj Fernandes, Principal, St. Anthony's School, Kolkata
4. Sr. Isabel, Head Mistress, Holy Child Girls High School, (H.S.), Kolkata
5. Mrs. Roopkatha Sarkar, Principal, La Martiniere for Girls, Kolkata
6. Dr. Subir Nag, Principal, Satyapriya Ray College of Education, Kolkata
7. Fr. Felix Raj, Vice Principal, St. Mary's School, Bhadohi, U.P.
8. Fr. Prakash Das, Principal, St. John's School, Varanasi, U.P.
9. Fr. Subrata Baidya, Principal, St. Joseph's School, Kharagpur
10. Fr. Philip D' Souza, Principal, Sacred Heart School, Kharagpur

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

- Value Added Programmes
- Communicative English Workshop
- Teacher Exchange Programme on Block Teaching
- Organising orientation programme
- Inter College Debate



- Seminar on Emotional Intelligence
- Add on courses-on School Management initiated
- Career counselling programme
- Add on course on Evaluation Techniques and Teaching Skills
- Classroom seminars
- Student Exchange programme
- Departmental Seminar cum Workshop on 'Teacher as a Role Model'
- Workshop on Teaching Learning Materials
- Seminar on Gender Sensitisation
- Inter-religious study and IPP
- Club Activities(Interdisciplinary nature)

33. List the teaching methods adopted by the faculty for different programmes.

- Teaching methodologies suggested by NCTE are being followed in the department.

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

- Feedback mechanism
- Internal assessment: Continuous Internal Assessment is conducted throughout the year. It comprises written test, assignment, seminar presentation, oral test, attendance etc.
- Term end evaluation: The B.Ed. curriculum has a semester system with two terms. The term end evaluation comprises practical, theoretical and Continuous Internal Assessment with both external and internal evaluation.
- Remedial teaching
- Counseling
- Mentoring
- Individual and class interaction
- Written assignments
- Re-teaching classes
- Use of traditional and innovative teaching methodologies.

35. Highlight the participation of students and faculty in extension activities.

- Community service to spastic society, old age home, street and destitute children, deaf and dumb society, orphanage, welfare centres for women etc.
- Philanthropic services through educational tour to villages.
- Distributing clothes to the needy.
- Providing education to the marginalized.
- The trainee teachers work with different institutions run by NGOs for their community outreach service.
- Lend support to 'Bhasha Diwas' celebration and 'Shishu Mela'.



36. Give details of “beyond syllabus scholarly activities” of the department.

- Co-curricular activities
- Self – development workshop on teaching-aid
- School internship
- Academic enrichment activities (Seminars)
- Participation in administrative work of the department
- Community outreach programme
- Educational tour
- Inter-college competitions
- Lend support to Annual Sports day.

37. State whether the programme/ department is accredited/ graded by other agencies. Give details.

B.Ed, a department of St. Xavier's College was accredited by NAAC as a grade “B” in 2012.

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strength of the department:

- Committed teaching staff and support staff.
- Community service
- Value based education
- Social orientation

Weakness of the Department

- Space constrain
- Requirement of more audio-visual rooms

Opportunities of the Department

- Opportunity for research and consultancy
- Opportunity to interact with more B.Ed Colleges
- Opportunity to avail the facility of placement through well placed alumni/ae
- Exchange programme with other colleges

Challenges of the Department:

- Increase the course duration to two years
- New B.Ed. curriculum
- Motivate students to take part in research oriented work

39. Future plans of the department.

- Physical expansion and exclusive infrastructure
- Construction of ICT rooms
- Additional Audio-visual rooms
- Separate common rooms for boys and girls

To increase the course duration to 2 years (4 semesters)