



St. Xavier's College (Autonomous), Xolkata



THE XAVERIAN

2021

St. Xavier's College (Autonomous), Kolkata 30, Mother Teresa Sarani (Park Street) Kolkata - 700 016

CONTENTS

1.	Principal's Report	 6
2.	Best Practices	 15
2.	College Profile	 18
3.	Departments	 19
4.	Facilities	 85
5.	Societies	 109
6.	Special Reports	 149
7.	Articles & Artworks	 169
8.	Obituaries	 175



THE XAVERIAN 2021 Editorial Board

Rev. Dr. Dominic Savio, S.J.

Principal and Chairperson

ADVISORY BOARD

Rev. Joseph Kulandai, S.J., Vice Principal (Commerce Morning)
 Fr. Peter Arockiam, S.J., Vice Principal (Commerce Evening)
 Fr. Johnson Padiyara, S.J., Vice Principal (Raghabpur Campus)
 Prof. Bertram Da Silva, Vice Principal (Arts & Science)
 Dr. Charlotte Simpson-Veigas, Vice Principal (Department of Education)

MANAGING EDITORS Prof. Zaid Al Baset (Convener), Dr. Panchali Sen (Co-Convener)

MAGAZINE COMMITTEE MEMBERS

Rev. Dr. Sacaria Joseph, S.J., Prof. Shalabh Agarwal, Dr. Samrat Roy, Prof. Romit Beed Dr. Tapas Saha, Prof. Sougata Banerjee, Prof. Sankha Banerjee, Prof. Sucharita Roy Prof. Ananya Hazra, Prof. Ruby Mary Notts, Dr. Shivaji Banerjee, Prof. Souvik Roy

> STUDENT EDITORS Diya Adak, Jayosmita Ganguly, Sohinee Basu, Zoya Amreen

SPECIAL ACKNOWLEDGEMENT Monica Chetri, Sujit Chandra, Bijoy Kumar Nair, Rishi Basu (General Secretary)

> DESIGN TEAM POSTER: Simran Sachdeva COVER: Nilanjana Mitra

Editorial

2020 has been the most challenging year of the 21st century. The unfolding of the Covid-19 pandemic has compelled us to encounter our worst fears, from losing our loved ones to loss of livelihoods, to being deprived of an entire way of life. The mandate of physical distancing has been most corrosive to our systems of education. Centres of learning are founded on the principle of intermingling of people to nurture the finer qualities of what it means to be a human being. The pandemic ruthlessly marred such a possibility. While the pandemic laid bare the fragility of our lifeworlds, it also forced us to think and act in creative ways to cope with the unprecedented situation. It has been a heart wrenching journey of loss but also a tale of resilience and the triumph of the indomitable human spirit to survive and flourish.

At St. Xavier's College, the setback of the 3-month long lockdown was countered by frenetic online activity to restore a semblance of normalcy. The College smoothly transitioned to the online mode since early August, 2020. Classes began in full swing on Microsoft Teams. The College administration, under the able guidance of our Principal, Rev. Dr. Dominic Savio S.J., made the shift possible. The Vice Principals, Deans and a core team of supportive faculty members prepared us thoroughly to operate in the digital space. The College conducted its admissions and the final semester examinations successfully in the online mode. While not a replacement for offline teaching, the digital mode has provided a valuable opportunity for students and teachers to continue the teaching-learning process during such difficult times. It is commendable that students showed great enthusiasm and adopted well to the virtual pedagogy.

The Xaverian 2021 is a chronicle of our collective struggles and triumphs in making quality education possible during the pandemic at St. Xavier's College, Kolkata. It represents the promise of the Xaverian mission to overcome limitations and offer a helping hand to those in need while remaining loyal to its pedagogical core. The efforts of the College in reaching out to those adversely affected by the twin crises of the Amphan Cyclone and the Covid-19 pandemic is noteworthy. Even when the world stood still, the Xaverian spirit launched forth and remains an exemplar of quality higher education in the country.

I extend my deepest gratitude to Father Principal Dominic Savio S.J., the Advisory Board, my Co-convenor, Dr. Panchali Sen, Magazine Committee members and the student editorial team without whose unstinting efforts putting together this magazine would have been a daunting task. I sincerely hope that Xaverian 2022 will witness a return to better times offline.

Zaid Al Baset Convener The Xaverian 2021

Reaching out







Principal's Report 2020

Respected Swami Atmapriyananda Maharaj, Hon'ble Pro-Chancellor, Ramakrishna Mission Vivekananda University, Respected Provincial, Rev. Fr. Raphael Joseph Hyde S.J., Hon'ble Vice Chancellor of the University of Calcutta, Dr. (Prof.) Sonali Chakravarti Banerjee, Respected Rector, Rev. Fr. Jeyaraj Veluswamy S.J., Vice Principals, Member Secretary, Academic Council, members of the staff, teaching and support, alumni/ae, benefactors, parents, well-wishers, friends, and my dear students, I wish you all a happy and joyous New Year 2021 and extend a warm welcome to all to this 14th Convocation & Valedictory Function of the College. May the Almighty bless us all abundantly!

I place before you the Annual Report for the year 2020, I would like to remember where this college has come from on its journey to the present moment.

Back in the 50's, St. Xavier's was happy and content to stand quietly apart as a centre of unassuming excellence in academics and also in sports, theatre and music. Some of the best sportsmen and musicians nurtured their talents in these precincts. In the swinging 60's, just down the road from the vibrant nightlife on Park Street, the college also stood apart as an oasis of tranquility surrounded but untouched by the passionate and often turbulent ideologies of student movements.

Some things don't change. St. Xavier's is still an oasis of tranquility, still a bastion of discipline, still an institution of all-round excellence, but perhaps we are less unassuming now because we are no longer content to stand quietly apart. We have removed the elitist tag, that, for reasons unknown, was

attached to the college. We have integrated ourselves into the mainstream of the public consciousness and made ourselves an institution of higher education that attracts the best brains in the state, if not the country.

This is because, driven by a dream to expand and excel, the college has pushed the limits of its ambition to grow and develop as it strides into the future determined to find and make its place as a college ready for the challenges of the digital age.

And so here I stand now before you as the Head of an institution solidly rooted in tradition even while it is driven by a vision of its future and the service to humanity that is its privilege to provide. As a record of this, I ask your permission to provide the Annual Report, 2020

VARIOUS PROGRAMMES & EVENTS HELD DURING THE YEAR

13th Convocation & Valedictory Function of College

 The 13th Convocation and Valedictory Function of the College, presided over by Rev. Fr. Raphael Joseph Hyde S.J., Provincial of the Calcutta Jesuit Province, was held on 16th January, 2020 at 11:00 a.m. His Excellency, Shri Jagdeep Dhankhar, the Hon'ble Governor of West Bengaland Chancellor of Calcutta University graced the occasion as the Chief Guest.

Prof. Asis Kumar Banerjee, former Hon'ble Vice Chancellor, University of Calcutta, was the recipient of the 'Nihil Ultra Award of Excellence 2019'.



In the absence of the Hon'ble Vice Chancellor of the University of Calcutta, Rev. Dr. Dominic Savio S.J., Principal of the College conferred the degrees on the 2270 passing out students on behalf of the Senate of the University of Calcutta. 27 Instituted Gold Medals were also awarded to the students on that day.

The second part of the Convocation & Valedictory of the College, which is the award and the prize distribution ceremony was held on 18th January, 2020.

• 'Xavotsav' 2020 / Beyond Barriers:

The Students' Council organised the annual Students' Cultural Festival, "Xavotsav", 2020.

46 pan-India colleges participated in this huge event attended by over 30,000 happy and enthusiastic young people.

- The annual fund-raising 'Live in Concert' 'Beyond Barriers' was organised by the alumni association on 26th January 2020. The programme was a grand success.
- Sports Day 2020

The Annual Sports Day of the College was organized in two phases:

On Saturday, 1st February, 2020, the Park Street Campus was the venue for an exciting and well attended Sports Day.









Sports Day at the Raghabpur campus was held on 8th February, 2020. There was an enthusiastic turn out by students and staff.

Shishu Mela 2020

The Department of Social Work organized "Shishu Mela 2020" on 16th February, 2020 on the College Ground. Around 1000 children, from seven villages of South 24 Parganas and 10 NGOs participated in the event.



'Sanyog / 'Xavullash' Programme / DoshobhujaBangali
 2020

'Sanyog 2020' (An International Torch Light Peace Rally to commemorate BhasaDibas - International Mother Language Day, was organized by the College in association with the Alumni Association. On 22nd February, 2020, a cultural programme, 'DoshobhujaBangali' was organized. Ten eminent personalities from India and Bangladesh were felicitated by the Principal.

Inter-College State Sports and Games Championship 2019-20:

St. Xavier's College was selected as the Host College for the Inter-College State

Sports and Games Championship 2019-20, organised by the Education Directorate, Department of Higher Education, Government of West Bengal from 23rd to 29th February 2020. Nineteen District teams from all over the State participated in in the week-long sporting event at the premises of Sports Authority of India, Netaji Subhas Eastern Centre, Kolkata. Many established sportspersons and government officials attended the programme.

• Annual Christmas Celebrations 2020 at St. Xavier's College:

The College along with the Alumni Association organized the annual Christmas Celebration on 21st December 2020. The Hon'ble Chief Minister of West Bengal, Mamata Banerjee graced the occasion.





"LET'S CARE & SHARE"

20th December, 2020 at SXC, Raghabpur Campus, for Raghabpur, Bakeswar & Magurkhali vil 22nd December, 2020 at Debipur, Nurshidarchowk & Shalpukur villages



During the Christmas season, the College organized a philanthropic programme, 'GIFT BOX' on 20th December 2020 in the Raghabpur Campus of the College and the Paikhala Prathamik Vidyalaya to distribute food items and winter garments to the marginalized, under-privileged populace and students, and to residents of old age homes.

COMMENCEMENT OF NEW PG COURSES FROM THE ACADEMIC SESSION 2020-21

I am proud to announce that as part of our expansion plan, two more PG courses, namely, M.A. in Sociology and M.Sc. in Economics were introduced in the 2020-21 academic session.

NIRF RANKING 2020

Our College was placed 7th in the National Institutional Ranking Framework (NIRF), 2020, rankings, published by MHRD on 11th June, 2020. We secured a better rank in comparison to the previous year and our score increased in all categories.

I wish to personally thank and congratulate our Jesuit Community, the staff, our students, alumni members, parents and well-wishers for their dedicated work and support.

VARIOUS GRANTS & RESEARCH GRANTS ALLOCATED TO THE COLLEGE AND FACULTY

The total grants sanctioned and received by the College under the different schemes for the year 2019-20 was Rs. 4,04,54,466/- (Rupees four crore, four lakhs, fifty-four thousand, four hundred and sixty six).

The total sanctioned grants received by the faculty of the College was Rs.1,39,68,999/- (Rupees one crore, thirty-nine lakhs, sixty-eight thousand, nine hundred and ninety-nine).

Congratulations to all involved!

DBT BUILDER GRANT ALLOCATED TO THE COLLEGE

The Departments of Microbiology and Biotechnology of our College received the prestigious DBT Builder Grant of Rs. 2.96 crores from the Department of Biotechnology, Government of India.

The Expert Committee of the Department of Biotechnology (DBT), Government of India, reviewed the Departments of Physics, Chemistry and Microbiology under the DBT Star College program.

St. Xavier's College was awarded Grade 'A' and the subsequent release of grant under the DBT Star College Scheme was recommended.

Congratulations to all involved!

ADMISSIONS 2020-21

Last year's lockdown and the fears of the pandemic severely impacted all spheres of life including education. I am proud to announce that St. Xavier's rose to the occasion and took its campus online on MS Teams. The next challenge was admissions.

While the college has been conducting online applications for many years, this year we had to develop a platform through the college website to make the actual admission process, previously held on campus, completely online. The entire admission procedure was replicated digitally. I take this opportunity to express my sincere appreciation to all who were involved in the online admission process, and especially the core team which developed the admission system in house and put it into successful operation.

The selection process for the UG candidates was made on the basis of the marks obtained in the XII Board/Council examination. However, for all PG courses, online admission tests were conducted by the Office of the Controller of Examinations.

The total number of applicants to the various courses (UG, PG, B.Ed. & Raghabpur Campus) was 26,738. The total number of candidates admitted was 2,744.

SERVICES PROVIDED TO THE STUDENTS AND STAFF DURING THE PANDEMIC

 The College administration engaged professional psychiatrists to provide online counselling facilities for students, their parents, and also for teachers and support staff.



• The Principal maintained regular communications through the website with students and staff to offer reassurance and support.

Following the Jesuit tradition of service, the College authorities reduced the fee structure of the current students for the months of August, 2020 to December, 2020 keeping in mind the difficulties, financial and otherwise caused by the pandemic. Lab fees were completely waived although computer based lab classes were conducted online and Science department lab classes were taken through virtual lab setup wherever possible. E-resource facility charges and fees under some other heads were reduced substantially. Arrangement for further reduction was made for the students of the Raghabpur campus.

Yet the college did not renege on its financial commitment to teaching and non-teaching staff on college-created posts, who constitute more than 50% of total staff strength.

ONLINE TEACHING-LEARNING DURING THE PANDEMIC

The lockdown in March last year briefly brought classes to a halt. But the administration ensured that from April all students received adequate study materials and lectures to prepare for semester examinations. Quite a few teachers resumed class in the online mode with full attendance and participation of students.

Subsequently it was decided that for the next semester, regular classes according to full routines would be conducted online on the Microsoft Teams platform. The college worked overtime to put the system into place so that the new semester classes could begin as early as 10th August, 2020.1st year classes commenced from 23rd September 2020.

To ensure a smooth online teaching-learning process, the



college purchased licensed versions of "Microsoft Teams". A core team of fifteen members comprising faculty and office staff received training from the Vendor. Inhouse training programs for teachers and office staff were conducted by the Core team.

Rather than rely on external software agencies who would not be conversant with college systems, the setting up of MS Teams was successfully completed by the Vice-Principals' offices. Inhouse Training programs were organized for professors to acquaint them with the online system and all the digital facilities it offered.

At the start of the semester, students were mailed a Handbook for Online classes outlining the protocols, rules and procedures for online classes.

ONLINE MODE/PROCEDURE OF EXAMINATIONS 2020

Soon after the UGC issued the guidelines for holding final semester examinations, St. Xavier's College conducted, priority-wise, all the backlog examinations, starting from 21st September, 2020. The last of these examinations – all the Odd Semester Examinations of UG & PG were completed by mid-February 2021.

Ph.D. CELL OF THE COLLEGE

At present, there are 43 Ph.D. Supervisors and 81 Research Scholars in all, enrolled in Ph.D. Programmes in Physics, Microbiology, Biotechnology and Commerce.

The total number of registered research scholars is 61 out of 69 enrolled scholars in the Ph.D Program.

The first Ph.D. Open Viva-Voce Examination was conducted on 10th November, 2020. This is one of the major landmarks in the academic history of St. Xavier's College.

The online Research Advisory Committee Meetings are being continuously conducted to expedite the progress of the scholar during these trying times. This endeavour once again re-inforces the indomitable spirit of St. Xavier's College amidst the ongoing pandemic.

Ph.D. PROGRAMME IN COMPUTER SCIENCE

St. Xavier's College expresses its heartfelt thanks and gratitude to the University of Calcutta for approving the introduction of Ph.D. Programme in Computer Science. The College will soon be applying for Ph.D Programmes in Bengali and English.



St. Xavier's College also gratefully acknowledges the confidence bestowed by the University of Calcutta in conducting the Ph.D. Programmes in the Departments of Physics, Microbiology, Biotechnology and Commerce till date.

The future vision of St. Xavier's College lies in the introduction of 15 Post-Graduate Departments and 15 Ph.D. Programmes within a span of five years from now.

VARIOUS PROGRAMMES & WEBINARS HELD DURING THE YEAR

During the year, a total number of 117 programmes & webinars were organized by different departments of the College.

PLACEMENT CELL OF THE COLLEGE

During the session 2019-20, the number of students placed in various Companies was 592. 43 Companies visited our College to conduct the on-campus recruitment process. The College also conducted 27 off-campus recruitments. The minimum package offered to our successful students was Rs. 3 lakh per annum and the maximum package offered was Rs.21.5 lakhs by D.E. Shaw, Hyderabad.

Our students participated in various Talent Acquisition Competitions and have acquired admirable ranks.

For the session 2020–21, due to the Covid 19 pandemic situation, the Placement Cell of the College conducted the recruitment process virtually and we have been receiving requests from various companies like D.E. Shaw, Deloitte US-India, etc.

INFRASTRUCTURAL DEVELOPMENTS IN THE MOTHER TERESA SARANI CAMPUS AND THE RAGHABPUR CAMPUS OF THE COLLEGE

30 Mother Teresa Sarani Campus:





The College Reception has been fully renovated and given a brand new look. Maintenance including repairing, painting, electrical and plumbing has been going on in the College. Interior Decoration and furniture work has also been completed.

Fire protection work has been going on in the B.Ed. and the Central Library Building. A fire-fighting tank and a lightning arrestor is being installed to serve the whole campus.

Raghabpur Campus of the College:

The Raghabpur Campus of St. Xavier's College now owns 7 acres of land. A new academic block is under construction with a space area of 65,000 square feet. The proposed building has a structure of G+IV Storied College Building.

The proposed area for construction is a standalone G+IV Storied College Building covering a land area of more or less 92 decimals land.

The building will house 58 class rooms, conference halls, double height hard courts, infirmary rooms, an electrical station and other service facilities. Washrooms have been constructed for handicapped students on each floor.

I take this opportunity to thank the Daughters of St. Anne's Convent, Kolkata, who kindly donated 21 decimals of land lying adjacent to the College which made this development possible.

ALUMNI ACTIVITES AND PROGRAMMES:

- The alumni association organized a health camp at the Raghabpur Campus on 12th December 2020. 550 patients registered for the camp. Eye Glasses were provided to 150 patients while 74 cataract surgeries were performed.
- I would like to take this opportunity to thank the alumni members and their families for their efforts and hard work in making this camp successful.
- On the auspicious day of Good Friday and Easter Monday last year, St. Xavier's Community and St. Xavier's College





(Calcutta) Alumni Association shared food materials with more than 500 needy local people with assistance from Kolkata Police after following all stipulated safety norms.

- On 24th April 2020, the alumni association, in their endeavor to salute the COVID Warriors distributed 300 PPE kits to doctors, medical staff and healthcare support providers of a city based private charity hospital. The kits were personally presented to them by Fr. Rector and Fr. Principal.
- The charity programme continued on 6th May, 2020 as St. Xavier's Community along with SXCCAA extended their support to needy students and support staff members. Dry rations and food packets were also distributed to more than 300 needy students and co-workers of St. Xavier's College and School. St. Xavier's College and School decided to continue this support until the lockdown is lifted.
- On 27th March 2020, relief materials were distributed to 60 families in Paikhala Village under Panauka Gram Panchayat, South 24 Parganas District. A repeat distribution was done on 2nd April, 2020 at Paikhala Prathamik Vidyalaya since the number of beneficiaries increased after the earlier distribution.

- On 6th April 2020, 2500 needy families were supported and the Pandemic Relief Distribution was carried out in six Gram Panchayats, namely, Panakua, Kulerdari, Keoradanga, Amgachhia, Bonhoogly and Bishnupur.
- From 13th to 18th April 2020, a major Relief Distribution Drive was carried out for six days. The relief distribution went well with the help of many committed village volunteers and with the support of the the Panchayat Pradhanand Panchayat members of Panakua Gram Panchayat and the Officers of Nepalgunj Police Station.
- Other philanthropic activities included disbursing monetary aid and everyday necessities to families and villages affected by the Amphan cyclone.

ACADEMIC ACHIEVEMENTS OF THE FACULTY OF THE COLLEGE

During this year:

- 5 faculty members received national and international awards.
- 6 books were published by the faculty members.
- 21 faculty published research articles in different national and international journals and 13 faculty members presented papers in different national and international seminars and conferences.
- 40 faculty members were invited as Resource Persons to different national and international programmes and 41 members attended national & international conferences, faculty development programmes and Refresher Courses, etc.
- As many as 207 national and international seminars, workshops and webinars were organized and conducted by the College.





Congratulations to the following staff members (teaching & support) who have completed 25 years of service in the College as on 31/12/2020.

Teaching Staff:

SI	Name of Faculty	Length of Service
1.	Dr. Partha Pratim Ghosh (Economics Dept.)	25 years and 9 months
2.	Dr. Ashish Kumar Nag (Chemistry Dept.)	25 years and 7 months
3.	Dr. Arghya Kumar Banerjee (English Dept.)	25 years and 5 months
4.	Prof. Subir Srimani (Commerce Dept.)	25 years and 2 months

Support Staff:

SI	Name of Support Staff	Length of Service
1.	Mr. Sanat Das	25 years and 2 months

The following support staff members have retired during 2020:

SI	Name of Support Staff	Length of Service	
1.	Mr. Tapas Kumar Singha	33 years and 9 months	
2.	Mr. Clement Kerobin Baptist	38 years and 5 months	

Our heartfelt thanks and best wishes to them for their dedicated and committed service to St. Xavier's College.

Academic Excellence

I congratulate all the 2250 under-graduates, post-graduates and B.Ed. students who receive their degrees on this solemn Convocation Day. May you be men and women for others!

My congratulations to all the students who have performed well academically and have acquired ranks. These students will be rewarded with gold medals today.

This year, the College had five Ph.D. Recipients from among our Professors.

- 1) Dr. Ipsita Barat from the Film Studies Department
- 2) Dr. Pabitra Debnath from the Mathematics Department
- 3) Dr. Tapalina Bhattasali from the B.Com. (Morning) Department



- 4) Dr. Zaid Al Baset from the Sociology Department
- 5) Dr. Ritendra Roy from the Department of Education

I am happy to announce that Dr. Ritun Chakraborty Chaudhuri is the first Ph.D. candidate from our College, under the guidance of Dr. Kasturi Sarkar from the Microbiology Department.

Congratulations to all of them!

NEW APPOINTMENTS

- Fr. Joseph Kulandai, S.J. as the Vice Principal of the Commerce (Morning) Department of St. Xavier's College (Autonomous), Kolkata, with effect from 10th August, 2020. Father has also been appointed as Management Nominee of the Governing Body of the College and as a Trustee Member of St. Xavier's College, Kolkata.
- 2) Fr. David Paul Raj S.J. has been appointed as the Superintendent of St. Xavier's College Hostels with effect from 25th June, 2020.
- 3) Dr. Soheli Ghose has been appointed as the Dean of the Department of Commerce (Evening) with effect from 1st July, 2020.
- 4) Dr. Partha Pratim Ghosh has been appointed the Head of the Department of Economics from 4th January 2021.
- 5) Dr. Jhimli Dasgupta has been appointed the Head of the Department of Biotechnology from 4th January 2021

We fondly remember and pray for the repose of the souls of:

- Fr. Gaston Roberge S.J., Jesuit Priest, former Director of Educational Multimedia Research Centre and Professor in the Department of Mass Communication & Videography, who passed away on 26th August, 2020.
- Dr. Samir Kumar Lobwo, Associate Professor, Department of Commerce (Morning), who passed away on 20th July, 2020.
- Prof. D.N. Bose, Honorary Visiting Professor in the Department of Physics, who passed away on 9th August, 2020.
- Prof. T.K. Basu, retired Professor from the Department of Commerce, who passed away on 11th August, 2020.
- Prof. Kamalendu Roy, retired Professor from the Department of Commerce, who passed away on 11th March, 2020.
- Prof. Ram Chandra Mishra, Retired Professor in Hindi of our College, who passed away on 5th February, 2021.
- Mr. Pradip Kumar Biswas, Head Clerk of our College, who passed away on 23rd August, 2020.
- Mr. George Rozario, Retired Support staff, who passed away on 24th November 2020.





- Rozi D'Cruze, 1st Year B.Ed. Student, who passed away on 28th January, 2020.
- Sangita Das, 2nd Year History Honours student from the Raghabpur Campus of the College, who passed away on 11th February, 2020.
- Aman Rai, Semester-V Political Science Honours student, who passed away on 15th October, 2020.
- Neelangshu Sahaa third year Physics Honours student, who passed away on 15th February, 2021.
- Mr. Pankaj Benani, a dedicated alumnus of our College, who passed away on 11th February, 2021.

May their souls rest in peace! We express our deep condolences to their family members.

Having presented my report for the year 2020, I would now like to look ahead to the course we have chartered for the future.

New Initiatives – Looking Beyond

In addition to traditional courses, the College is planning to offer some online courses, especially

multi-disciplinary courses, in order to cater to students irrespective of their geographical location.

A Ph.D. programme in Computer Science is going to commence very soon.

another campus on the E.M. Bypass property. The vision is to transform this campus into a Communication Hub.

I envisage many more UG departments introducing PG courses that will inevitably lead to Ph.D. programs. In this way we may hope to offer students a seamless academic transition from level to level with varying points of exit. I see this campus bursting with the passion and valour of young minds pushing the horizons of endeavour in their quest for excellence so concisely enshrined in our college motto, Nihil Ultra, Nothing Beyond.

I see this college introducing popular, cutting edge programs in a signal departure from the traditional courses in the basic sciences, arts and commerce, to make the college contemporary and relevant and an exciting and attractive destination for students looking for new kinds of academic experience and training. I see no limit to the possibilities of the future except our own ambitions.

Let me now conclude by expressing my sincere gratitude to all the Governing Body Members, Vice Principals, Member Secretary, IQAC Co-ordinator, Deans, teaching faculty, support staff, alumni/ae, students, parents, well-wishers, friends and benefactors for their whole-hearted co-operation and support.

Let our service continue to bring joy to many more people in the spirit of the Jesuit Magis. NIHIL ULTRA! May it always drive us on.



physical demands of further growth, the College plans to create



Best Practices – A Holistic Development

Rev. Dr. Dominic Savio, S.J.

Principal, St. Xavier's College (Autonomous), Kolkata

Every higher education institution across the globe is in a continuous quest for upgradation in quality teaching –learning process in tune with the implementation of best practices which are necessary for holistic development. This noble endeavour is deep rooted in Ignatian pedagogy. The Ignatian pedagogy rests on collective responsibility of all the intellectuals through interplay of experience, reflection and actions. This motivates the current study to look into the best practices performed at St. Xavier's College (Autonomous) Kolkata. The underlying principles of such best practices aim for the holistic development of the institution and its contribution to the society at large. This is embedded in the motto of the institution namely, "Nihil Ultra" with the responsibility of creating men and women for others.

Ignatian Pedagogy

Pedagogy is the way in which teachers accompany learners in their growth and development. The continual interplay of experience, reflection and action in the teaching-learning dynamics of the classroom lies at the heart of an Ignatian pedagogy. It is our way of proceeding in Jesuit educational institutions as we accompany the learner on his or her journey of becoming a fully humane person. It is an Ignatian pedagogical paradigm which each of us can bring to the subjects we teach and programs we run, knowing that it needs to be adapted and applied to our own specific situations.

All of us in the work of Jesuit education look forward to benefiting from the insights and suggestions that other teachers have to offer. In the Ignatian spirit of cooperation, we hope that teachers who develop their own lessons or brief units in specific subjects of their curriculum utilizing the Ignatian Paradigm will share them with others.

Expected Best Practices from Higher Education Institutes

Every Higher Education Institute (HEI) should also encourage research, consultancy and extension activities so that faculty may showcase their talents and also enrich themselves. As a tool of improvement, the institutes are to develop adequate infrastructure and learning resources with an aim at optimal usage of these resources. In order that these objectives are satisfied, students are to be provided with proper support and their progressions are to be monitored on a continuous basis. However, to achieve all these, a robust organizational and management system should be in place which shall lend itself to all possible practices that prove to be healthy for the institution.

Best Practices at St. Xavier's College

The Jesuit College aims at forming young men and women of competence, commitment, compassion and conscience. St. Xavier's 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 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.

ISO Certification

The administration of St. Xavier's College (Autonomous), Kolkata is aware of the need of Quality Assurance in Higher Education Institutes and is always keen to upgrade the standard in order to cater to the students of present age. Thus, from the perspective of self-evaluation, after much research and introspection, we have gone for ISO certification, which, as one of its essential components, made us undergo a detailed audit of different processes that are being carried out in College. St. Xavier's College (Autonomous), Kolkata has received ISO 9001:2015 certification for providing Higher Education with the validity from 03.07.2019 until 03.07.2022.

Some of the best practices are:

a) Teaching-Learning

The basic thrust in the teaching-learning process is student-centric classroom academics where every faculty member makes individual effort to cater to the varying requirements of the students. The Continuous Internal Assessments help teachers to distinguish the capable and slow learners so that their individual academic needs may



be monitored. Remedial classes are also organized 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 interpersonal relation between teachers and students.

b) Mentorship

There is a mentor (a professor) allotted to each class to ensure a close look towards academic, social and other problems the students face. In case of a problem, remedial classes are arranged, special scholarships are granted, and other such actions are taken.

c) Counselling Cell

There is a counselling cell in the college which remains open on all the working days. Five qualified counsellors are there to offer counselling services. Apart from our students, this service is extended to all the stakeholders of the college, viz., parents, staff and alumni. The activities of the cell are kept strictly confidential.

d) Environmental Consciousness

The College is highly aware of environmental issues and tries to initiate measures for a Green and Clean campus. Some measures are such as use of solar energy, green clean neighbourhood and regular plantation of trees. The college also actively involves itself in spreading knowledge and awareness among the staff and students to make them environment friendly.

e) Foundation Course

The main objective of this course on "Inter-religious Studies and Social Harmony" 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.

f) Entrepreneurship Development Cell

We believe that entrepreneurship is the key that can unlock India's latent inventive potential. It will not only push India to the forefront of the world but also help raise the quality of life in the country. While Start-up is growing to be one of the business world's biggest buzz words, the Entrepreneurship Development Cell, St. Xavier's College (Autonomous), Kolkata envisions a time, when youth will look up to the new generation of CEOs and entrepreneurs as their modern-day rock stars.

g) Rural Campus

There is a campus of the college at Raghabpur, South 24 Parganas, which is dedicated to rural students. Most of the students of this campus are first generation learners and majority of them are girls. The college administration provides quality education to these students at a highly subsidized tuition fee. In order that the students of this campus feel at home in the main campus, they are involved in sports and other cultural activities of the main campus.

h) Scheduled Caste (SC)/Scheduled Tribe (ST) Cell and Minority Cell

SC/ST and Minority Cells work in conjunction with AICUF (All India Catholic University Federation) in our College. The major purpose is to bring the students of minority community at par with the main stream student body. Teachers with expertise and specialized knowledge are invited to offer classes and help students in subjects like Financial Accounting, Cost and Management Accounting, Economics and Mathematics and Statistics etc.

Minority Cell: As a Christian Minority Educational Institution, St. Xavier's has been very much keen to provide services to the educational and cultural needs of the Minority community along with other caste, creed and nationality. The Minority Cell basically helps minority students including Christians, Muslims, Jains, Buddhists etc. for their academic development. The Cell is committed to provide assistance to the SC/ST & minority students through counseling, personality development, development of communication skills, remedial coaching, tutorial classes, and preparatory classes for professional and employment purposes, etc.

Initiative taken in Current Pandemic Situation

The College has started its online classes for students from Monday, 10th August, 2020. In order that the staff and students may experience hassle free smooth online teachinglearning, College has purchased licensed versions of "Microsoft Teams" for each of the students, teachers and office staff.

Online Teaching – Learning during Pandemic

To facilitate online Teaching-learning, professors have been asked to prepare e-learning materials. They have been



encouraged to use Information Communication Technologies like Video Lectures, Power-Point presentations, Movie links, Google Classroom, etc. Arrangements have been made for secure transportation of the e-learning materials to students. Digital library materials have been made available to the students through Digital Repository.

Orientation programmes for faculty members have already been organised so that online teaching can be carried out effectively. The College has prepared a full handbook for the students explaining various steps for conducting the online teaching-learning process smoothly. The handbook also contains dos and don'ts regarding online pedagogical activities.

Services to the Students and Staff during Pandemic

The College administration has arranged online counselling facility for those students as well as their parents by professional psychiatrists. The service has also been extended to the teachers aiming at their mental well-being. In order to keep the students free of any anxiety, regular communications are being made by the Principal through College website. The same is being done for the staff members. The authority of St. Xavier's College (Autonomous), Kolkata has decided to reduce fee structure of the existing students substantially for the months August, 2020 to December, 2020. Following Jesuit tradition of Service, this fee reduction has been done to give some relief to the families of the students studying in this college under the current pandemic situation.

The College has organized almost one hundred online programmes consisting on webinars, seminars and workshops – both national and international level. Two online

faculty development programmes were also organized during this pandemic period.

Evidence of Success

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. In this context, it is noted that the St Xavier's College (Autonomous), Kolkata, had bagged the highest cumulative grade point average (CGPA) of 3.77 out of 4 point grade to get an A++ grade from NAAC in 2017. In addition, St Xavier's College (Autonomous) Kolkata under PARAMARSH scheme is granted the right to mentor National Accreditation and Assessment Council (NAAC) accreditation aspirant institutions for promoting quality assurance in higher education in 2019. It gives me pleasure to mention that in NIRF 2020, our college has acquired 7th rank under "College" category. We are now an ISO 9001:2015 certified college as well.

Concluding Remarks

Best practices are not something that are supernatural or something out of the world. It is those practices that every educational institution must carry out in order to benefit its student, staff, administration and all other stakeholders. So, best practices encompass all our usual practices, like teaching-learning, examination, student and staff support system, decisions in the management level, quality assurance, etc. In other words, best practices include all those practices that contribute towards the holistic development of the institution. But the practices become best when they are performed with utmost sincerity and honesty.



College Profile 2019-20

An Overview- As on 1st February, 2021

FOUNDER	Rev. Fr. H. Depelchin, S.J.		
FOUNDATION DAY	16th January, 1860		
MOTTO	"Nihil Ultra"		
	(Nohing Beyond)		
AIM	To form Men & Women for Others		
AUTONOMOUS STATUS	March 2006		
"COLLEGE OF EXCELLENCE"			
by UGC	April 2014		
"HERITAGE STATUS"			
by UGC	July 2015		
NAAC ACCREDITATION	GRADE : A++		
	(CGPA: 3.77/4)		
ISO 9001:2015 Certified			

NUMBER OF STAFF		
Teaching Staff	376	[Ph.D.: 132, M.Phil: 53]
Support Staff	237	

CAMPUSES
i) Mother Teresa Sarani
ii) Raghabpur
iii)Educational Multimedia Research Centre (EMMRC)

NUMBER OF STUDENTS		NUMBER OF COURSES	
UG	7060	UG	17
PG	810	PG	11
B.ED.	196	B.ED.	1
Ph.D.	82	Ph.D.	5
Others	112	Others	14
Total	8260	Total	47





Department of Commerce (Morning)

It is my pleasure to introduce the Annual Report to you. The highlights presented in this report stand for just a sample of the dedication, challenging work and achievements of our faculty and students over the past year.

This Department is reputed for the excellence of its teaching in this dynamic discipline. It ranks alongside the most highly rated departments in commerce among the undergraduate colleges of this country. Whether through the academic endeavours and research of our faculty or the brilliance of our students, both in curricular and co-curricular activities, they continue to be a source of pride for the College. Our bachelor's programme in commerce is complimented by multi-media learning environment and enriched by faculty mentoring.

The COVID-19 crisis has challenged us in many new and unexpected ways. We took radical measures and made major efforts forging new paths in crisis management. This brought in both challenges and opportunities in relation to digitalisation and digitally enhanced learning and teaching, research, quality assurance, and stakeholder engagement. The Department successfully implemented online teaching and evaluation. It was a mammoth task but with the cooperation and support of Father Principal, Father Vice Principal, support staff, faculty and students, we were able to achieve it.

A One Day National workshop on Plagiarism and Academic Integrity (using i-Thenticate) was organized in August, 2019 and in March 2020. A Seven-Day UGC Approved National Workshop on Quantitative Research Methodology (using SPSS-AMOS-iThenticate), was organized from 8th to 17th August, 2019.

The Department successfully organised an International Conference on Emerging Perspectives in Commerce, Economics, Environment and Management - Transformation of the Global Economy (13-14 September 2019). A large number of academics, research scholars, and students presented papers and a conference volume was published subsequently. The finance lab organised a number of workshops in statistical software, both for our faculty and students. Faculty Development Programmes were a regular feature. The Department took initiative to invite resource persons across industry, commerce and trade to conduct enriching seminars for students. All these efforts seek to instil in-depth knowledge among our students. A webinar on "Stress Management Skills for Students under the COVID – 19 Paradigm" was held on 1 August 2020, and it was highly appreciated.

Students of the Department excelled in academics and in extra-curricular activities. This includes sports and games, seminars, workshops, and debates. We offered students the chance to carve out a niche in the corporate domain through various career-oriented seminars, which aided students to sharpen their skills in personal and professional spheres. Many of our students secured ranks in professional examinations. Students also got selected in leading business schools, both in India and abroad. A considerable number of our students got placed with top notch companies through the placement cell. These achievements represent just a flavour of the efforts and accomplishments of the past year.

During the pandemic, a palpable sense of grief emerged and we lost one of our senior faculty members, Dr. Samir Kumar Lobwo,Department of Accounting and Finance, who passed away on 20 July 2020. May the departed soul rest in peace and may God give his family the strength to endure this untimely loss.

Finally, I would like to place on record our reverence and sincere gratitude to Rev. Dr. Dominic Savio, S.J, Principal, for his visionary leadership, constant support, and encouragement. Father has been instrumental in giving the College, and our Department in particular, a great sense of dynamism. We thank Rev. Dr. S. Xavier, S.J., our previous Vice Principal, for his valuable guidance and support. We welcome our new Vice Principal Rev. Fr. Joseph Kulandai, S.J, who took over from 18 June 2020. Father has been agreat force in getting the online classes operational for such a large number of students. His words of encouragement, guidance, and advice kept us sailing through the troubled times. We also place on record our gratitude and regards to Prof. Swapan Banerjee, our former Dean, for commitment, dedication and years of hard work. We welcome Dr. Amitava Roy, our new Dean, from 1 July 2020. Enabled by the guidance and dedication of Father Principal and Vice Principal, our faculty, support staff and students we were able to realise the Department's full potential.



FACULTY ACHIEVEMENTS

ACCOUNTING AND FINANCE

Dr. Soheli Ghose

- She was awarded Outstanding Professor in Accounting and Finance at the National Leadership Awards 2019, organized by Orpit Services Pvt. Ltd.
- She was awarded Excellence in Management Research Award at the Women Excellence Award 2020 organized by ILDC and AMP.
- She was awarded Indo Asian Best Women Finance Award at the Academic Excellence Award 2020 organized by Red Talks Daily (registered with Govt. of India NITI Aayog) and RPMRES Institute of Higher Education in collaboration with IIM Australia.
- She was awarded Dr. Sarvepalli Radhakrishnan Research Fellowship Award at the Global Professional and Educationalist Awards 2020 organised by Sarojini Research and Development Council (approved under Govt. of India, UNESCO, UNHCR and registered under ANAHEI, USA).
- She was among 20 Academicians in administrative Positions (Deans/Vice-Principals/Registrars) in the country to receive the Most Influential Women in Academics Award 2020 organized by Education Ninja and AMP.
- She delivered an invited lecture on the Overview of Financial Markets and Financial Instruments with an emphasis on Mutual Funds at The Heritage College, Kolkata.
- She acted as a resource person in an FDP on the overview of SPSS Data Analysis organized by The Heritage College, Kolkata.
- She moderated the National Level Panel Discussion on Paradigm Shift from Traditional Business to E-Commerce organized by Saahi Hain.
- She acted as a resource person in the National Level Panel Discussion on Risk Factors in Indian Business – Emerging Scenarios organized by The Heritage College, Kolkata.
- She acted as a resource person in the National Webinar on Indian capital Markets the Pre and Post Covid Scenario organized by Jain (Deemed to be) University, Bengaluru.
- She published a book Principles of Management, with ABS

Publishing House (India) (July 2019. 1st Edition. August 2020 2nd Edition: ISBN: 978-93-86796-25-7).

- She published a book NTA/UGC NET/SET Commerce Paper 2, with Lawpoint Publishing House (India) (September 2019. 1st Edition. February 2020 2nd Edition: ISBN: 978-93-86185-92-1).
- She published a book Research Methodology and Project Work, with ABS Publishing House (India) (February 2020. 1st Edition: ISBN: 978-93-86796-31-8).
- She published a book Entrepreneurship Development and Business Ethics, with ABS Publishing House (India) (February 2020. 1st Edition: ISBN: 978-93-86796-30-1).
- She published a paper titled 'An Empirical Analysis of the Effects of Demonetization on Kolkata', in EPRA International Journal of Research & Development (IJRD) (Vol-5; Issue 4; April 2020; ISSN: 2455-7838)
- She published a paper titled 'An analysis of Backfill Bias and Survivorship Bias in the Mutual Fund Industry', in International Journal of Advanced Science and Technology (Vol-9; No. 8; May 2020; ISSN: 2674-2692)
- She published a paper titled 'Factors Affecting Over The – Top (OTT) Video Streaming Services Consumption: An Analysis in Journal of Social Sciences' (Vol – 48; No. 3; July 2020; ISSN: 0253 – 1097; ISSN: 0975–8935 (E))
- She published a paper titled 'The Influence of Doctrine: -A Study of the Influence of Religiosity on the Behaviour of Indian Equity Market' in IOSR Journal of Humanities and Social Science (IOSR-JHSS) (Vol – 25; Issue 8; August 2020; ISSN: 2279-0845 ISSN:2279-0837 (E))
- She presented a paper titled 'An Analysis of Performance of ELSS Mutual Funds in India in the Last Decade' at the International Conference on Emerging Issues in Finance and Banking organized by Surendra Nath Evening College.
- She presented a paper titled 'An Empirical Analysis of Black Swan Events at the Global Web Conference' on Multi-disciplinary Research and Development organizedby Sarojini Research and Development Council.

Prof. Joyita Banerji

 Presented paper titled "A Closer Look at the Need of Pollution Control Measures in Aviation" at the International Conference on Emerging Perspectives in Economics, Environment and Management, held at St.



Xavier's College, Kolkata in collaboration with the Bengal Chamber of Commerce and Industry and Micro, Small and Medium Enterprises and Textiles Government of West Bengal, held on 13th and 14th Se ptember 2020.

- Presented a paper titled "Crowdfunding: An opportunity to edge out gender disparity in India" in the National Conference on the theme "Women's Issues and Everyday Life: Power, Resistance and Representation", held on 10th and 11th January, 2020.
- Published a paper titled "An Empirical Investigation into the influence of Behavioural Biases on Investment Behaviour" in SCMS Journal of Indian Management Vol. 17 January – March 2020, UGC Care A list.
- Presented a paper titled "Flying High: Valuation and IPO Analysis of Unicorns" in the International Webinar on The Neo-Normal Era: A Multifaceted Challenge of Modern Society dated 17th August 2020 organized by Hiralal Mazumdar Memorial College for Women. Paper is to be published in Conference Proceedings.
- Paper titled "The Unicorn Myth: A Trend Analysis of the Unicorn IPOs" has been accepted for publication in the upcoming volume of Youthink.
- Published a book chapter titled "Diplomatic Gaffes made by China in the Recent Past: An Overview" in Business Management Practices – Emerging Trends, ISBN 978-93-88805-95-7.

MANAGEMENT

Prof. (Dr.) Madhusree Mukherjee

Faculty Development Programmes Attended (organized by St. Xavier's College, Kolkata): 2 FDPs held on August 4, 2020 and October 21, 2020, respectively.

Prof. (Dr.) Shivaji Banerjee

- 1. Delivered Key Note Address at one day workshop organised by Scottish Church College, Kolkata on Project Writing and Field Work on 29th February 2020.
- 2. Chaired a technical session at International Marketing Conference organised by International Management Institute, Kolkata on 19th, 20th December 2019.
- Invited as Chief Guest Asian International School Youth Parliament on 13th January 2020.

- Invited as Resource Person Human Perception and Social Interaction at 7-day UGC Workshop organised by Department of Library and Information Science, University of Calcutta.
- Chaired a session in Marketing at ISBM, in association with Indian Economic Association, Kolkata on Emerging Socio-Economic Trends and Business Strategy on 24th January 2020.
- Invited as a resource person at Webinar organised by St. Xavier's College Burdwan on 27th June 2020. Topic of presentation – "Customer Engagement, Buyer - Seller Relationships in post Covid world".
- Delivered special lectures for M.Phil. (Management) students of MAKAUT (Formerly WBUT) on Research Methodology –"Tools and Techniques for Social Scientists" during December 2019.
- South Asian Institute for Advanced Research and Development (SAIARD) conferred FELLOW designation in recognition of exceptional achievement in the field of education on 30th June 2020. Fellow Membership Number-SFM/01(CBM)/2020.
- 9. Resource person at Webinar organised by Bishop Heber College, Tiruchirappalli on "Resilient Leadership and Prudent HR practices in the Workplace under the New Normal" on 21st July 2020.
- Resource person at Webinar organised by Sikkim Manipal University, on 1st August 2020. Topic: "Paradigm Shift in Education System in post COVID-19 Era"
- Resource person at Webinar organised by Sri Gopal Banerjee College on 23rd August 2020. Topic: "Towards a Futuristic Perspective of COVID-19 – Work Life Balance for Survival".
- Published a paper on "Life Style Inflation and Addictive Consumption – Dynamics and Function among Urban Youth in Indian Metropolis" at International Journal of Business and Management Invention – August 2020.
- 13. Accredited Management Teacher by All India Management Association (AIMA) in the field of HRM in recognition of proficiency in Management Teaching and development of Management pedagogy on 1st September 2020.
- 14. Paper presented on 2nd International Conference on COVID-19 studies organised by Institute of Economic



Development and Social Researchers, Paris, held in 26th and 27th August 2020. Paper Entitled "Opportunities and Operational Challenges for Indian MSME's in the New Normal: A triangular effect.

15. Appointed as Subcommittee invitee member in Human Resource Management at Bengal National Chamber of Commerce and Industry (BNCCI) from September 2020 onwards.

Prof. (Dr.) Anulekha Banerjee

Publications in International Journal

Banerjee, A. and Dasgupta, R. 'Cooking a Socially Responsible Image for the Urban Consumers: Does it Work with the Cooking Oil Brands?'Social Responsibility Journal2019 (ISSN 1747-1117) SCOPUS INDEXED [Emerald Publishing] Accepted 01.12.19; Published online 02.01.20 doi.org/10.1108/SRJ-01-2018-0012

Paper Presentation

At International Seminar/Conference

Banerjee, A. and Dasgupta, R. 'How to win the consciousness of the consumers of being a responsible detergent brand?'in International Conference on "Sustainable Economic Development in India: A Global Perspective" jointly organized by The Centre for Financial Management and Economic Research of SAIARD and Indian Accounting Association, South Bengal Branch on 23rd November, 2019.

RETRAINING PROGRAMME/ WORKSHOP ATTENDED

- Case Writing Workshop conducted by Indian Institute of Contemporary Management and Research (IICMR) at IIMRWM Hall Kolkata, on 23rd and 24th August 2019.
- One day workshop on Mixed Methods of Research organised by Indian Association for Productivity, Quality and Reliability, Kolkata held on 6th January, 2020.

Faculty Recharge Programme

- Faculty Development Programme organised by St. Xavier's College Autonomous Kolkata and St. Xavier's Collegiate School in association with IIM, Kozhikode on the theme "Mindful Leadership: Invisible wisdom in the age of Artificial Intelligence on 20th February 2020.
- Six Day FDP on "How to teach Online" organised by IIM, Indore, held on 27th July to 1st August2020.

Faculty Recharge Programme (Online Webinar)

- 1. Online webinar on Artificial Intelligence organized by the Sri Sikshayatan College, Kolkata held on 18.06.2020
- Online webinar on Challenges & Opportunities after Post Covid-19 in Tourism, Hospitality, Logistics & Retail sector organized by Nabagram Hiralal Paul College held on 25.06.2020
- Online webinar on "Women Empowerment in India" organized by the IQAC, P.N. Das College, Palta in collaboration with IQAC, Vijaygarh Jyotish Ray College, Kolkata held on 27.06.2020
- National Webinar: 'Pandemic & Natural Disasters: Understanding & Coping' organized by the St. Xavier's College (Autonomous), Kolkata held on 11.07.2020 and 12.07.2020
- 5. Online webinar on "Customer Experience During the Time of COVID-19" organized by Strathmore University Business School on 14.07.2020 (01:00PM-3:00 PM)
- One Day International Webinar on "Impact of COVID-19 Pandemic on Tourism Industry" organized by Department of Commerce in Collaboration with IQAC, Barasat College held on 14.07.2020 (6:30 PM-8:30 PM)
- Online webinar on "Gender Bias, Stereotyping, Gender Equality and Women's Right" organized by the National Institute of Technology Nagaland held on 15.07.2020 (9:00 AM-6:30 PM).
- Online webinar on "Managing Business in a POST COVID-19 World" organized by the P.G Department of Commerce, St. Xavier's College (Autonomous), Kolkata held on 18.07.2020 and 19.07.2020 (4:00 PM-6:00PM)
- Online webinar on On-line "Case-Based Teaching Pedagogy: Challenges and Opportunities" organized by Indian Institute of Contemporary Management and Research (IICMR) held on 19.07.2020 (8:00 AM-11:00 PM)
- Two Days Webinar on NAAC Assessment and Accreditation Process under UGC PARAMARSH Scheme on 30th and 31st July 2020. Organized by St Xavier's College (Autonomous) Kolkata.
- 11. 3 Days Online Training Programme on "e-Learning: Content Creation & Hosting on LMS" organized by Information and Library Network (INFLIBNET) Centre, Gandhinagar, Gujarat from 26th to 28th August, 2020



Prof. (Dr.) Sumana Guha

- Actively participated from 7th November to 20th November, 2019 in the Refresher Course in Commerce organized by UGC-Human Resource Development Centre (HRDC), University of North-Bengal, and obtained Grade 'A+'.
- Actively participated in National Level Webinar entitled "India 2020: An Optimistic Approach to Revitalize the Economy to break through Pandemic" held on 14th July, 2020 and organized by Organized by the P.G. Department of Commerce, Vikas College of Arts, Science and Commerce (Affiliated to University of Mumbai).
- Actively participated in National Level Webinar entitled "Increasing Frequency of Tropical Cyclone & its impact on Coastal Bengal" held on 20th July, 2020 and organized by Department of Geography in association with IQAC, Saheed Anurup Chandra Mahavidyalaya.
- Actively participated in International Webinar entitled 'Technology in 2020's Classroom' held on 21st July, 2020.Organized jointly by Department of Education, Sukumar Sengupta Mahavidyalaya & Department of Education, Kalyani Mahavidyalaya.
- Actively participated in National Level Webinar entitled Pandemic Covid-19: Threats to Life, Economy and Education in India held on 25th July, 2020 and organized by Department of Commerce and IQAC, Sarat Centenary College.
- Actively participated in the Two-Day Webinar on NAAC Assessment and Accreditation Process on 30th and 31st July, 2020.

Prof. (Dr.) Tridib Sengupta

- 1. Witness to the signing of MOU between St. Xavier's College and ULAB, Dhaka, Bangladesh.
- 2. Campus visit to Pune Institute of Business Management, Pune University, as an expert.
- Appointed PhD Examiner for JIS University, West Bengal. Reviewed thesis titled 'Incorporating Social Listening into IMC Mix'.
- 4. Book published titled 'Marketing Management and Human Resource's Management' for UG and PG courses.
- 5. Presented a paper on a 'Attrition and Retention in Indian IT sector' at the PhD Consortium, IIT Mumbai.

- Guiding 12 students of Pondicherry St. Xavier's College Twining MBA program in the specialisation of International Business.
- 7. Initiated the second session of TEDx St. Xavier's College Kolkata, as Professor- in charge, 30/3/20, deferred due COVID-19 pandemic and successive lockdown.

Prof. (Dr.) Anjan Chakravarty

Publication:

"A Study On Migratory Population In India: Some Selected States"; Volume 8 Issue 6 : June 2020 of the International Journal of Research - Granthalayah, ISSN (O) - 2350-0550 / ISSN (P) -2394-3629

Prof. Shouvik Sircar

Faculty Development Programme Attended (Online Certificate Course)

Completed Online Certificate Course on Online Teaching, titled ProAct Digital Teacher from Loyola Institute of Business Administration from 15th June to 20th June, 2020. Received 'Certificate of Merit' for distinctive performance at the above-mentioned online programme.

Prof. Shaunak Roy

Invited Lectures

- Invited to speak as a moderator for a webinar on "By the Teachers, For the Teachers: Digital Learning during COVID-19", organized by The Global Shapers New Delhi and Kolkata Hub, on November 28, 2020.
- Invited to deliver a talk on the webinar entitled "Marketing and Branding: New Opportunities in the New Normal", organized by Proto Academy, Mysuru on July 24, 2020.
- Invited to deliver a session on "Sustainable Us" at the workshop-cum-seminar on Sustainability and Climate Change, organized by We Are One (WAO) on January 4, 2020.
- Invited to deliver a session on "Dunning the Krugers: Life inside Bubbles of Climate Change Denial" at the MASH Mixer on Climate Change, organized by the Mash Project on August 31, 2019.



Awards

- Received Best Paper Award for the title "Exploring the Evaluative Efficacy of Open-Book Open-Web (OBOW) Examinations: Insights from Indian Undergraduate Degree Programs" at the National Conference on "Research, Innovation and Bench marking Practices for Sustainability Management", organized by V Consultants, Hyderabad during August 15-16, 2020.
- Adjudged "Best Researcher" by the EMG-SSM Trust among a total of 224 nominated research scholars in India for exemplary contributions to management research

Editor

 Served as the Joint Editor of a book entitled "Case Studies in Contemporary Management" published by Bharti Publications, New Delhi on January 2020 (ISBN: 978-93-89657-06-7).

Publications in Peer-Reviewed Indexed Journals

- Roy, S. & Banerjee, S. (2020). Is Geuens et al.'s New Brand Personality Scale Valid in the Indian Context? The Case of the Dell Brand in India. Journal of Critical Reviews, Vol. 7(13); ISSN: 2394-5125
- Roy, S. & Banerjee, S. (2020). Ascertaining Consumers' Perceptual Divergences towards the Construct of Brand Personality: Indian Corroborations. The Indian Journal of Commerce, Vol. 73(1&2); ISSN: 0019-512X
- Agarwal, S. & Roy, S. (2020). Investigating the Perceptual and Attitudinal Responses of Consumers towards Health Halo Labels in Food Products: A Kolkata-based Study. International Journal on Customer Relations, Vol. 8(1); ISSN: 2320-7515
- Roy, S. (2020). Demonetization as a Trigger of Customer Adoption of Mobile Wallets in India: Developing an Integrated Framework. Optimization: Journal of Research in Management, Vol. 12(1); pp. 1-12; ISSN: 0974-0988
- Pirogiwal, K. and Roy, S. (2020). Pioneering a Framework to Assess Customer Acceptance towards 24x7 Convenience Stores: A Study in Kolkata. Our Heritage Journal, Vol 68(8), pp. 134-150; ISSN: 0474-9030
- Roy, S. and Sonthalia, N. (2019, August). Anthropomorphizing Brands: The Case Study of Amul Girl. YouThink, Vol. 14, Xavier's Commerce Society (XCS), Department of Commerce, St. Xavier's College (Autonomous), Kolkata; ISSN: 2347-6222.

Publications in Magazines

- Roy, S. (2020, April). Marketing Strategy in the COVID-19 Crisis (Cover Story) Business Economics (Fortnightly Business Magazine); Vol. 26(01); pp 18-19.
- Roy, S. (2020, April). World bracing for Coronavirus Impact (In Focus Section) Business Economics (Fortnightly Business Magazine); Vol. 25(23); pp 37-38.
- Roy, S. (2020, January). Is Binge-watching your favourite TV series detrimental to the Environment? Business Economics (Fortnightly Business Magazine); Vol. 25(20); pp 42-43.

BUSINESS LAW

Prof. Rinita Das

Resource person

Sonarpur Mahavidyalaya on 13.03.2020 "Protection of Women Under the Indian Regulatory Framework: Issues and Challenges", Security of Women and Awareness.

Presented papers

- 2020 'The Procedural and Substantive Facet of Section 498A of the IPC: a Study on the Protection of Women in Domestic Fronts Human Rights: Contexts and Concerns', Bijoy Krishna Girls college
- 2020 'Plagiarism: a Breach of Copyright Laws Academic Writing: Methods and Methodology', Rishi Bankim Chandra College for Women

Publication

- Chapter in book "Surrogacy and ART in India: Socio-legal and Ethical Dilemma Reproductive Tourism with Special Reference to Surrogacy: Issues and Challenges to Indian legal system. 202) – published.
- Edited volume "Women empowerment in India" The Procedure of Implementation of The Protection of Women from Domestic Violence Act 2005: A Study 2019 (ISBN 978-93-81209-44-8).

•

Dr. Sumona Ghosh

Certification

Dr Ghosh is a Certified Assessor for Sustainable Organizations (CASO), certification conferred upon her by UBB GmBH Germany (November 2019)

Appointment

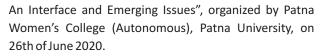
Dr Ghosh has been appointed as the Council member of the Sustainable Businesses Council of the very first independent National Business Chamber for Women that has been established in India - Women's Chamber of Commerce and Industry (WICCI).

Publications

- Ghosh, S., Mukherjee, S. (2020) "The Relevance of Spirituality and Corporate Social Responsibility in Management Education: Insights from Classical Indian Wisdom." Philosophy of Management, Springer, Pp-1-29. (ABDC LISTED and UGC CARE LIST II).
- Ghosh S. (2020) Mandatory CSR an Indian Companies Act 2013. In: Idowu S., Schmidpeter R., Capaldi N., Zu L., Del Baldo M., Abreu R. (eds) Encyclopaedia of Sustainable Management. Springer, Cham.
- Ghosh S. (2020) Altruistic CSR. In: Idowu S., Schmidpeter R., Capaldi N., Zu L., Del Baldo M., Abreu R. (eds) Encyclopaedia of Sustainable Management. Springer, Cham.
- Ghosh S. (2020) Spirituality in Management. In: Idowu S., Schmidpeter R., Capaldi N., Zu L., Del Baldo M., Abreu R. (eds) Encyclopaedia of Sustainable Management. Springer, Cham.
- Ghosh S. (2020) Marketing (Ethics of). In: Idowu S., Schmidpeter R., Capaldi N., Zu L., Del Baldo M., Abreu R. (eds) Encyclopaedia of Sustainable Management. Springer, Cham.
- Ghosh Sumona. (2020) Narrative Analysis of Annual Reports—A Study of Corporate Social Disclosure in the Pre- and Post-Mandate Period. In: Mitra N., Schmidpeter R. (eds) Mandated Corporate Social Responsibility: Evidence from India. CSR, Sustainability, Ethics & Governance. Springer, Cham.

Training, Consultancy and Invited Presentations

- Was invited as a panellist by Sustainable Advancements in collaboration with WICCI (Women's Indian Chamber of Commerce and Industry) West Bengal Sustainable Businesses Council and Public Relations Society of India West Bengal Chapter on 22nd of August 2020, the theme being "Corporate CSR fund Utilization Post Covid -19."
- As a resource person conducted a session on Copyright Act 1957, Research Quality and Plagiarism, at the national webinar on "Key Insights on Intellectual Property Rights:



 Was invited as a panellist by AIMA, Delhi on 23rd of November 2019, the theme being "Mandated Corporate Social Responsibility: Evidence from India".

As a resource person conducted a session on CSR and Corporate Law for the first year B. Com. students of J.D. Birla Institute on July 13th, 2019.

Prof. Oyndrila Ganguly

- Attended seminar and presented paper on titled "Female foeticide: an Analysis with IPC,1860 AND Pre-Conception and Pre-Natal Diagnostic Techniques (PCPNDT) Act, 1994", in National Conference on Women's Issues and Everyday life: Power, Resistance and Representation, an initiative of St. Xavier's College (Autonomous) Kolkata on 10thand 11thJanuary,2020.
- Attended webinar on NAAC Assessment and Accreditation Process held by St. Xavier's College (Autonomous) Kolkata on 1st, August, 2020.
- Attended Webinar on 25th July,2020 on Shedding Stigma on Mental Health Issues for Legal Professionals, conducted by IJM, Kolkata and School of Law and Justice, ADAMAS University.

MATHEMATICS AND STATISTICS

Dr. Arijit Ghosh

Publications

Publication of "AHP-TOPSIS Inspired Shopping Mall Site Selection Problem with Fuzzy Data" in Mathematics 2020, 8(8), 1380, (ISSN 2227-7390) a peer-reviewed open access journal indexed in the SCIE (Web of Science) and Scopus. (impact factor 1.747 (2019)).

Awards

Received "Best research paper" award for the track "Interdisciplinary Applications of Operations Research" at the International Conference on "Frontiers of Operations Research & Business Studies" held on 27-28 December' 2019 organized by the CBS, Kolkata in partnership with ORSI, Durgapur Chapter.





Research Paper Presented at International Conference

- A paper entitled "Comprehensive Efficiency Measurement of five major Indian Steel Companies using Data Envelopment Analysis and Factor Analysis" at the International Conference on "Emerging Socio-Economic Trends and Business Strategy" held on 24-25 January 2020 organised by the ISB & M, Kolkata in partnership with IEA.
- A paper entitled "IPL 2019: Evaluating the Performance of Teams by DEA & SEM" at the International Conference on "Emerging Socio-Economic Trends and Business Strategy" held on 24-25 January 2020 organised by the ISB & M, Kolkata in partnership with IEA.
- A paper entitled "IPL 2019: Ranking of Batsmen by Linear Programming & Structural Equation Modelling" at the International Conference on "Physical Education Yoga and Sports Science in 2020's era" held on 15 January, 2020 organised by the SIPEWHH, Kolkata in partnership with WBCIPE.
- A paper entitled "Analyzing Technical Efficiency of Indian Life Insurance Companies using DEA and SEM" at the International Conference on "Frontiers of Operations Research & Business Studies" held on 27-28 December' 2019 organized by the CBS, Kolkata in partnership with ORSI, Durgapur Chapter.

Dr. Tuhina Manna

Dr. Tuhina Manna was awarded degree of Doctor of Philosophy in Science of Jadavpur University, Kolkata in December 2019.

Publications

- Dr. Tuhina Manna published a research article entitled "Gravitational Lensing, Precession of Periapsis and Time Delay Due to Wormhole in Quintessence Polytropic Spacetime"; in Modern Physics Letters A; 34 (2019) no.32, 1950264
- Dr. Tuhina Manna published a research article entitled "Charged Perfect Fluid Sphere in Higher Dimensional Spacetime"; in Indian Journal of Physics; 94, 1679–1690 (2020).
- Dr. Tuhina Manna published a research article entitled "Solar System Tests in Rastall Gravity", Modern Physics Letters A; 33, No. 1 (2020) 2050034

Paper Presentations

Dr. Tuhina Manna presented a paper entitled "Strong Lensing of a Regular Black Hole with an Electrodynamics Source" on 7th September 2020, and also actively participated in the IWARA 2020 Video-Conference - 9th International Workshop on Astronomy and Relativistic Astrophysics held at Mexico City, from 6th to 12th September, 2020.

Programmes Attended

- Dr. Tuhina Manna participated in the online International Symposium on "Covid 19 & Beyond: The New normal in HEIs" on 10th June, 2020 organised by the J.C. Bose University of Science and Technology, YMCA, Faridabad.
- Dr. Tuhina Manna participated in the One-day National e-Workshop on "Application of Mathematics and its Contemporary Scientific and Technical Terminology in Hindi", from 14 to 16th June, 2020 organised by the Commission for Scientific and Technical Terminology, Jawaharlal Nehru University, New Delhi.
- Dr. Tuhina Manna participated in the International Online Faculty Enrichment Programme on "Tips & Tricks for Publishing in International Scientific Journals" on June 20th, 2020 Organized by the Department of Zoology, Chemistry, Botany & Physics (Under DBT-Star College Strengthening Scheme, Govt. of India), Surendra Nath College, Kolkata.
- Dr. Tuhina Manna participated in Frontiers in Biological Sciences (Chapter IV), an international webinar on "COVID 19- The current Scenario" on 2nd and 4th July, 2020, organised by the Department of Microbiology, St. Xavier's College (Autonomous), Kolkata, in collaboration with IQAC, St. Xavier's College (Autonomous), Kolkata.
- Dr. Tuhina Manna participated in the Invited Web Talk on Trends and Techniques in Computer Science, "Data Migration-Heads and Tails" on 4th July, 2020 at 11 A.M, organised by the Post Graduate Department of Computer Science, St. Xavier's College (Autonomous), Kolkata.
- Dr. Tuhina Manna participated in the one-day national level workshop on "Open-Source Data Analysis Software and Graphical representation of Data" on 04th July, 2020 organised by IT Club and IQAC of NSS Training College, Ottapalam.
- Dr. Tuhina Manna participated in the One-day International webinar on Geometry and Number Theory on 28th August, 2020 organised by Bidhan Chandra College, Asansol.



- Dr. Tuhina Manna participated in the "Introductory Seminar on Astrophysics and Cosmology" held on 16th September, 2020 organized by IUCAA Centre for Astronomy Research and Development (ICARD), Physics Department, North Bengal University.
- Dr. Tuhina Manna actively participated in the webinar on "SANDPILES, ODOMETERS, MEMBRANE & RANDOM FORESTS" on 17th October, 2020 organised by Department of Mathematics, St. Xavier's College (Autonomous), Kolkata.
- Dr. Tuhina Manna participated in the One-day National webinar on MATLAB and its applications on 17th October, 2020 organised by Department of Mathematics, Kharagpur College, Paschim Midnapore.

Dr. Himadri Karmakar

Peer Review

Reviewed an article for the Journal: Journal of Mathematics, ISSN: 2314-4629, (One article, 2020).

Dr. Monalisa Middya

Awarded degree of Doctor of Philosophy on 22nd August, 2019.

ECONOMICS

The Department of Economics organized FDP on Contemporary Issues in Macro Economics on 18th December 2019.

Dr. Smwarajit Lahiri Chakravarty attended the Faculty Development Programme Organised by St Xavier's College in Association with IIM Kozhikode On Mindful Leadership (Speaker Prof. Debashis Chatterjee, Director, IIM, Kozhikode) On 20/02/2020. Dr. Lahiri Chakravarty organised as Programme Co-Ordinator—a UGC Approved 7-Day National Workshop on Quantitative Research Methodology (Using SPSS-Amos-Ithenticate) by St. Xavier's College in Collaboration with IDSK from 8th - 17th August, 2019. Dr. Lahiri participated in a Two Day Webinar On NAAC Assessment and Accreditation Process (Under UGC Paramarsh Scheme) organised by Internal Quality Assurance Cell And Academic Council of St. Xavier's College (Autonomous), Kolkata held on 30th and 31st July, 2020 and also participated in a One Day International Webinar, 'On Moratorium On Loan Repayment: Effects On Financial Institutions' organised by the depts. of Commerce and Management Studies of St. Xavier's College (Autonomous), Kolkata in Collaboration with ICAI held on 29th August, 2020. He reviewed the paper titled. "An Empirical Evaluation of The Bilateral Non-Oil Export Trade Balance Between Nigeria And Egypt: A Test of Marshall-Lerner Condition for Journal of Economics, Management and Trade" (JEMT) on 23rd August, 2020.

Dr. Samrat Roy had done book review for the journal named, Journal of Economic Integration in August 2020.

Dr. Saswati Chaudhuri published papers - Socio-economic Factors, Health Inputs and Child Mortality in Eastern and North-eastern States of India" (2019) published in Social Sector at its Cross Roads – The Indian Scenario, Mriganka De Sarkar (ed.) Himalaya Publishing House, New Delhi, ISBN 978-93-5299-760-2. "Predictive Behaviour of Maternal Health Inputs and Child Mortality in West Bengal–An analysis based on NFHS-3" (2020): Heliyon, 6(5), e03941, Elsevier. "A Note on Valuation of Trust, Social Capital and Development" (with Biswajit Mandal) (2020): Trade and Development Review, Vol. 13, Issue 1, pp 57-76. ISSN 0974-4347. "Falling Female Labour Force Participation: An Analysis of Selected Countries" (with Shohom Pal) (2020): Asian Journal of Economics, Finance and Management, 2(3), 49-59. Retrieved from https://globalpresshub.com/index.php/AJEFM/article/view/ 859 "What it's Like to be a Woman during COVID-19 – The Indian Experience" in Urbanet, September, 2020. https://www.urbanet.info/women-during-covid19-in-india/. Her nonrefereed articles include Atmanirbhar Indian Economy, (with B. Mandal) (18th May, 2020) Feature article in https://www.felixrajsj.com/featured articles.php and the COVID-19 and the Trembling Indian Economy, (with B. Mandal) (2020) in Goethals News, www.goethals.in. She presented a paper titled, "Demand For Maternal Health Inputs And Health Outcomes: A Study With Reference To West Bengal" in the 5th SANEM Annual Economists' Conference (SAEC) 2020, that was held over February 1-2, 2020, Dhaka, Bangladesh, a paper titled "Maternal Health Inputs and the consequent child mortality in West Bengal" for the Workshop on the Economics of Health, Inequality and Behaviour, organised by Macquarie University, Sydney, Australia that was held over 11-13 November, 2019, a paper titled 'Socio-economic Profile of Women Workers in the Garment Industry in Bangladesh' in the International Conference on "Contemporary Caste, Gender and Minority



Questions in West Bengal and Bangladesh: Some Explorations" organized by the Department of Sociology from 31st October to 2nd November, 2019 and a paper titled 'In the Midst of Dire Hopelessness: An Enquiry into the Lives of Migrants in the Slums of an Indian city, Kolkata' in the XIV Annual International Conference on Public Policy held on August 22nd – 24th, 2019 organized by IIM Bangalore. Dr. Chaudhuri was a resource person in Webinars namely 'Speech in INTERNATIONAL WEBINAR, Malda College with SivanathSastri College on 5th June, 2020 (https://www.youtube.com/watch?v=msou13HJFJE) Speaker in a webinar, The Bhawanipur Education Society College on 16th June, 2020 and Speaker in an international webinar, Hiralal Mazumdar Memorial College for Women on 12th August, 2020. https://youtu.be/X_W3C59j1dE.

INFORMATION TECHNOLOGY

Dr. Madhu Agnihotri

Certification and courses

- ProAct Digital Teacher certified from Loyola Institute of Business Administration (LIBA) in June 2020.
- Completed a course on "Responsive Website Basics: Code with HTML, CSS and Javascript" from University of London, Course Era on 19th November, 2020.
- Completed a course on "Excel Fundamentals for Data Analysis" from Macquarie University, Course Era on 14th September, 2020.

Professional / Academic / Research Activities

As Resource Person

- Invited as a keynote speaker to a webinar on "Digital Transformation and Cloud Management Issues during COVID Pandemic" organized by the Department of Computer Applications, Narula Institute of Technology, JIS Group on 7th November, 2020.
- Invites as a speaker to deliver a speech on "Mathematics for Management" organized by Technolndia College of Technology on 23rd September, 2020.
- Invited as a resource person to conduct a One Day workshop on "Introduction to Plagiarism with Hands-on Session on iThenticate for Assistant Professors of Department of Commerce and Management Studies, St. Xavier's College (Autonomous), Kolkata in March 2020.

- Invited to conduct a workshop on "Advanced Database Concepts and Designing Computerized Accounting System" for academic fraternity of various colleges in Three Day Faculty Development Program organized by Lalbaba College in February, 2020.
- Invited to act as a resource person to deliver a lecture on "Designing Computerized Accounting" in the workshop on Computerised Accounting and e-filing of Tax Return for the academic fraternity of colleges under University of Calcutta, organized by Board of Studies of Undergraduate Courses of University of Calcutta jointly with Netaji Nagar Day College in January 2020.
- Invited as a resource person to conduct the hands-on session on iThenticate for the participants of the One Day National workshop on Plagiarism and Academic Integrity (using i-Thenticate) organized by Department of Information Technology and Fr. Verstraeten Library, St. Xavier's College (Autonomous), Kolkata in August, 2019.

As Organizer / Committee member for Conferences / Workshop/OrientationProgrammes

- Organizing Committee member, Technical committee, for the Two Days International Webinar Series for youth organized by the Department of Social Works and UBA, St. Xavier's College (Autonomous), Kolkata on 23rd and 24th September, 2020.
- Organizing Committee member for the One Day webinar on "Stress Management Skills for Students under the COVID 19 Paradigm" organized by the Department of Commerce and Business Administration, St. Xavier's College (Autonomous), Kolkata on 1st August, 2020
- Organized the Internal Faculty Orientation Programme for Department of Information Technology, St. Xavier's College (Autonomous), Kolkata on Designing Computerized Accounting System – Using DBMS in February, 2020.
- Organized the Internal Faculty Orientation Programme for Department of Information Technology, St. Xavier's College (Autonomous), Kolkata on Payroll Accounting System–Using Tally in January, 2020.
- Organized the Internal Faculty Orientation Programme for Department of Information Technology, St. Xavier's College (Autonomous), Kolkata on Retail Accounting System – Using Tally in December, 2019.
- Acted as the Convener of the Technical Committee,



Organizing Committee in the Two-Day International Conference on Emerging Perspectives in Commerce, Economics, Environment and Management-Transformation of the Global Economy, organized by Departments of Commerce and Management Studies of St. Xavier's College (Autonomous), Kolkata in collaboration with Bengal Chamber of Commerce & Industry, 13th-14th September, 2019.

- Organized and acted as the Convener for the One Day National Workshop on Plagiarism and Academic Integrity, organized by Department of Information Technology and Fr. Verstraeten Library of St. Xavier's College (Autonomous), Kolkata on 31st August 2019.
- Organizing Committee member for the 7-Day UGC Approved National Workshop on Quantitative Research Methodology (using SPSS-AMOS-iThenticate), organized by Departments of Commerce and Management Studies of St. Xavier's College (Autonomous), Kolkata in collaboration with Institute of Development Studies (IDSK) from 8th August to 17th August, 2019.
- Organized the Internal Faculty Orientation Programme for Department of Information Technology on Web Page Designing in 2019.

As Participant in Academic Programmes

- Large number of Regional, National and International Conferences attended. Few among those are mentioned below:
- One day webinar on "Knowledge Engineering on Artificial Intelligence", organized by Department of Computer Science, St. Antony's College of Arts and Sciences for Women, Thamaraipadi, Tamilnadu, on 7th September, 2020.
- Webinar on "IPR and e-content" organized by School of Business Studies, Sharda University, Noida, on 29th August, 2020.
- Two-day webinar on "NAAC Assessment and Accreditation Process" under UGC PARAMARSH Scheme, organized by the IQAC and Academic Council of St. Xavier's College (Autonomous), Kolkata on 30th & 31st July, 2020.
- Three Days Faculty Development Programme on "Outcome Based Education" organized by IQAC, Rai University, Ahmedabad, in Association with Inpods, Pune on 22nd July, to 24th July, 2020.

- Two Days International Webinar on "Managing Business in a Post COVID-19 World: Changes, Challenges and Strategies" organized by Post Graduate Department of Commerce with IQAC, St. Xavier's College (Autonomous), Kolkata held on 18th and 19th July, 2020.
- Seven Days Faculty Development Programme on "Essentials for Blended Learning" organized by the Department of Information Technology, Dr. M.G.R. Educational and Research Institute, Chennai, from 13th July to 20th July, 2020.
- Two-weeks Faculty Development Programme on "Advanced Concepts for Developing MOOCS" organized by Ramanujan College, University of Delhi and Ministry of Human Resource Development (MHRD), Government of India from 2nd July to 17th July 2020.
- Two-day National webinar on "Pandemics and Natural Disasters: Understanding and Coping",organized by the IQAC and Academic Council of St. Xavier's College (Autonomous), Kolkata on 11th & 12th July, 2020.
- In Frontiers in Biological Sciences (Chapter IV), an International level webinar on "Covid-19:The Current Scenario", organized by Department of Microbiology in collaboration with the IQAC, St. Xavier's College (Autonomous), Kolkata on 2nd & 4th July, 2020.
- Five-Days Faculty Development Programme on "Recent Advances in Machine Learning and its Applications" organized by Amity University, Kolkata, from 23rd June to 27th June 2020.
- Two Day International Conference on Emerging Perspectives in Commerce, Economics, Environment and Management-Transformation of the Global Economy, organized by Departments of Commerce a n d Management Studies of St. Xavier's College (Autonomous), Kolkata in collaboration with Bengal Chamber of Commerce & Industry,13th-14th September2019.
- 7-Day UGC Approved National Workshop on Quantitative Research Methodology (using SPSS-AMOS-iThenticate), organized by Departments of Commerce and Management Studies of St. Xavier's College (Autonomous), Kolkata in collaboration with Institute of Development Studies (IDSK) from 8th August to 17th August2019.
- One Day National Seminar On "Data Science-The Key to The Future", organized by Departments of Computer



Science and Statistics, St. Xavier's Colleges (Autonomous), Kolkata on 22nd July'2019.

Publication Activities

Book Chapter

- Book Chapter on "Conflict Management and Resolution in Context of Educational Institutes" at IGI-Global Publications in the Book "Strategic Approaches for Conflict Resolution in Organizations: Emerging Research and Opportunities"; ISBN13: 9781799817260; EISBN:9781799817284; DOI: 10.4018/978-1-7998-1726-0 published in November, 2019.
- Book Chapter on "Overview and Future Scope of SWAYAM in the World of MOOCS: A Comparative Study with Reference to Major International MOOCS", published in Springer Nature Singapore Pte Ltd. November, 2020. DOI: https://doi.org/10.1007/978-981-15-8744-3_9

Journal Publications

- "Business Spirituality: The new mantra for creating valuables based on values" YOUTHINK, Vol XIV, 2019, ISSN:2347-6222.
- "Homomorphic Encryption Method for Business Data Security in Cloud", Our Heritage, Vol-68-Issue-8, January-2020, ISSN: 0474-9030.
- "The utility of regional language facility in accounting software for retail market of West Bengal", Accepted for publication in Apple Academic Press (A Unit of CRC Press, Taylor & Francis Group), USA, 2020
- "A Review of the Revolutionizing Role of Big Data in Retail Industry", Accepted for publication in Apple Academic Press (A Unit of CRC Press, Taylor & Francis Group), USA, 2020
- "Science Fiction as an advisor in Modern Day Education and Business Sector", Accepted for presentation and publication in International Conference on Emerging Trends in Science and Technology -TechMeet 2020 (to be held in August), organized by Pailan Group of Institutions.

Papers presented

 "Choice between Company Policy and Ethical Auditing: An Auditor's dilemma" for International Conference on Emerging Perspectives in Commerce, Economics, Environment and Management (ICCEEM) 2019, organized by St. Xavier's College (Autonomous) Kolkata in collaboration with Bengal National Chamber of Commerce and Industry on 13th and 14th September, 2019.

- "A Critical Study of Investment Property with Reference to IND AS 40" for International Conference on Emerging Perspectives in Commerce, Economics, Environment and Management (ICCEEM) 2019, organized by St. Xavier's College (Autonomous) Kolkata in collaboration with Bengal National Chamber of Commerce and Industry on 13th and 14th September, 2019.
- "Homomorphic Encryption for Business Data Security in Cloud" for International Conference on Emerging Perspectives in Commerce, Economics, Environment and Management (ICCEEM) 2019, organized by St. Xavier's College (Autonomous) Kolkata in collaboration with Bengal National Chamber of Commerce and Industry on 13th and 14th September, 2019.
- "Science Fiction as an Advisor in Modern Day Education and Business Sector", in International Conference on Emerging Trends in Science and Technology -TechMeet 2020 (August), organized by Pailan Group of Institutions.
- "The utility of Regional Language Facility in Accounting Software for Retail Market of West Bengal", in International Conference on Emerging Trends in Science and Technology -TechMeet 2020 (August), organized by Pailan Group of Institutions.
- "A Review of the Revolutionizing Role of Big Data in Retail Industry", in International Conference on Emerging Trends in Science and Technology-TechMeet 2020 (August), organized by Pailan Group of Institutions.

Dr. Tapalina Bhattasali

Awarded Ph.D. in Computer Science & Engineering in 2020 from University of Calcutta in collaboration with AGH University of Science and Technology, Poland.

Resource Person

- Delivered invited lecture on "Demystifying AI-ML-DL" in a National Webinar organized by Department of Computer Science and Engineering, KL University, Hyderabad in October, 2020.
- Delivered invited lecture on "Impact of Artificial Intelligence in Post-COVID Era" in a National Webinar organized by SREC CSI Student branch & Department of Computer Science & Engineering, Shri Ramakrishna



Engineering College (Autonomous), Coimbatore in September, 2020.

- Delivered keynote speech on "Online Teaching Learning Model for Rural India: A New Normal in Post-COVID Era", in a State-Level Online Workshop organized by IQAC, Balagarh Bijoy Krishna Mahavidyalaya in September, 2020.
- Delivered keynote speech on "Impact of Blockchain in Current Scenario" in Interdisciplinary International Online Conference, Sanyog 2020 in June, 2020.
- Delivered invited lecture on "Emerging Technologies in Computation" in a National Webinar organized by Department of Computer Science, DeshBhagat University, Punjab in May, 2020.
- Acted as resource person in Internal Faculty Orientation Programmes on Advanced DBMS in March, 2020.
- Delivered lecture on "Artificial Intelligence: Boon or Bane" at the 12th Xaverian Research Colloquium (XRC), "Anusandhan" in January, 2020.
- Delivered lecture on "Understanding Plagiarism" at one day National Workshop organized by St. Xavier's College (Autonomous), Kolkata in August, 2019.
- Delivered lecture on "SEM: A Retrospection Through R" at UGC approved seven-day National Workshop on Quantitative Research Methodology organized by St. Xavier's College (Autonomous), Kolkata in collaboration with Institute of Development Studies (IDSK), Kolkata in August, 2019.

Researcher

https://scholar.google.co.in/citations?user=Y4WEFnkAAAAJ &hl=en(h-index:11,i-index: 12)

- M. Das Nath, Tapalina Bhattasali, "Anomaly Detection Using Machine Learning Approaches", accepted in 2020 for publication in special issue of AJHIPC Journal.
- Kazaree Basak, Rajdeep Das, Rajarshi Bhattacharya, Tapalina Bhattasali, "Edge Intelligence to Detect COVID-19", accepted in 2020 for publication in special issue of AJHIPC Journal.
- Tapalina Bhattasali, "Impact of COVID-19 Pandemics on E-Commerce Sector", Re-imaging the New Normal- The transformational lens of COVID -19, published as book chapter by Bhopal School of Social Sciences in 2020.

- Tapalina Bhattasali, "Pandemic Analytics to Assess Risk of COVID-19 Outbreak", Azerbaijan Journal of High-Performance Computing, June 2020.
- M. Das Nath, Tapalina Bhattasali, "SCMCI: Secured Click and Mortar Commercial Interaction", accepted for publication in Springer, CCIS, 2020.

Organizer

- Convener of two-day Online International Workshop on High Performance Computing Applications, AAHiPC 2020, organized by Azerbaijan State Oil and Industry University (ASOIU), Baku in collaboration with St. Xavier's College (Autonomous), Kolkata in November, 2020.
- Technical Committee Member of two-day International Webinar organized by Department of Social Work: NSS & UBA, St. Xavier's College (Autonomous), Kolkata in September, 2020.
- Core Committee Member for Online Training on Microsoft Teams at St. Xavier's College (Autonomous), Kolkata in 2020.
- Organizing Committee Member of Inter-College State Sports & Games Championship 2019-20, organized by Department of Higher Education, Government of West Bengal and St. Xavier's College (Autonomous), Kolkata in February, 2020.
- Organizing Committee Member of National Conference on Women's Issues and Everyday Life: Power, Resistance and Representation organized by St. Xavier's College (Autonomous), Kolkata in January, 2020.
- Organizing Committee Member of JHEASA Conference at St. Xavier's College (Autonomous), Kolkata in October, 2019.
- Organizing Committee Member of two-day International Conference, ICCEEM 2019 organized by St. Xavier's College (Autonomous), Kolkata in September, 2019.
- Programme Coordinator of One-day National Workshop on "Understanding Plagiarism" organized by St. Xavier's College (Autonomous), Kolkata in August, 2019.
- Programme Coordinator of UGC approved 7-day National Workshop on Quantitative Research Methodology organized by St. Xavier's College (Autonomous), Kolkata in collaboration with Institute of Development Studies (IDSK), Kolkata in August, 2019.



Participant

- Participated at various National & International level Webinar, Online Conference, Seminar, Workshop, Faculty Development Programme and Quiz from April 2020 to November, 2020.
- Participated at one-day FDP on "Mindful Leadership" organized by St. Xavier's College (Autonomous), Kolkata in association with IIM, Kozhikode in February, 2020.
- Participated at one-day FDP on "Applications of Finance Lab in Research" organized by St. Xavier's College (Autonomous), Kolkata in December, 2019.
- Participated at one-day FDP on "Interreligious Studies and Social Harmony", organized by St. Xavier's College (Autonomous), Kolkata in July, 2019.

Prof. Mausumi Das Nath

Publications

- Nath, M. Das, and Agnihotri, M.A. "A Review of the Revolutionizing Role of Big Data in Retail Industry", accepted on 20th June, 2020 for publication in Apple Academic Press (a unit of CRC Press, Taylor & Francis Group, USA) as Conference Proceedings.
- Bhartia, D, and Nath, M. Das, "Impact of Big Data on E-Commerce Websites", accepted on 8th June2020 for publication in Apple Academic Press (a unit of CRC Press, Taylor & Francis Group, USA) as Conference Proceedings.
- Nandan, Swaraj Kumar, and Mausumi Das Nath. "Impact of Artificial Intelligence In Making Better Marketing Decisions In Healthcare Industries." Our Heritage 68, no. 8 (Jan-2020): 53-59. ISSN:0474-9030.
- Nath, M. Das, and T. Bhattasali "SCMCI: Secured Click and Mortar Commercial Interaction",53rd Annual Convention 2020, International Conference on "Digital Democracy-IT for Change", Jan'2020, Springer (Accepted and Communicated).
- Nath, M. Das, and Agnihotri, M.A. "Impact of M-Governance Amongst Citizens", YOUTHINK, Vol XIV, pp.264-269, Sept-2019, ISSN:2347-6222.

Participation in Conferences/Seminars/Workshops

 Presented a proposed work titled "Anomaly Detection using Machine Learning Approaches" in an International Workshop organized jointly by Azerbaijan State Oil and Industry University, Baku and St. Xavier's College (Autonomous), Kolkata on 17th & 18th Nov, 2020.

- Participated in the Webinar on "Natural Language Processing", organized jointly by St. Xavier's College (Autonomous), Kolkata, Department of Computer Science and Engineering, Meghnad Saha Institute of Technology in association with IEEE Computational Intelligence Society, Kolkata Chapter, IEEE Computer Society Student Branch Chapter, MSIT and ACM Student Chapter, MSIT on 3rd Oct, 2020.
- Participated in the One day Live Webinar on "Knowledge Engineering in Artificial Intelligence", organized by the Department of Computer Science, St. Antony's College of Arts and Sciences for Women, Thamaraipadi, Dindigul, Tamil Nadu on 07.09.2020.
- Participated in the National Level Webinar on "NEP-2020 A Paradigm Shift in Education", organized by the internal Quality Assurance Cell of Dr. M.G.R. Educational and Research Institute, Chennai held on 02.09.2020.
- Participated in the webinar on "Blockchain Technology", organized by the Department of Information Technology, Dr. M.G.R. Educational and Research Institute, Chennai in association with Industry Institute Planning Cell on 29.8.2020.
- Presented paper titled "Impact of Big Data on E-Commerce Websites", in an International Conference On Emerging Trends In Science & Technology (ICETST-TECHMEET 2020) organized by PCMT, Kolkata on 21st & 22nd Aug,2020.
- Presented paper titled "A Review of the Revolutionizing Role of Big Data In Re-tail Industry", in an International Conference On Emerging Trends In Science & Technology (ICETST-TECHMEET 2020) organized by PCMT, Kolkata on 21st & 22nd Aug, 2020.
- Participated in the Two-day Webinar on "NAAC Assessment and Accreditation Process", organized by Internal Quality Assurance Cell (IQAC) And Academic Council, St. Xavier's College (Autonomous), Kolkata on 30th and 31st July,2020 at 2.30PM.
- Completed successfully Faculty Development Program on "Python for Data Science", organized by the Department of Information Technology and Department of Computer Science & Engineering, Dr. M.G.R. Educational and Research Institute, in association with Imarticus Learning, Chennai held from 23.07.2020 to 25.07.2020.



- Participated in the Two-day International Webinar on International Level Webinar on "Managing Business in a Post COVID-19 World: Changes, Challenges and Strategies", organized by Post Graduate and Research Department of Commerce, St. Xavier's College (Autonomous), Kolkata in collaboration with IQAC Cell, held on 18th & 19th July, 2020.
- Completed successfully One Week Faculty Development Program on "Essentials for Blended Learning", organized by the Department of Information Technology, Dr. M.G.R. Educational and Research Institute, Chennai held from 13.07.2020 to 20.07.2020.
- Participated in the National Webinar "Pandemic and Natural Disasters: Understanding and Coping", organized by Internal Quality Assurance Cell (IQAC) And Academic Council, St. Xavier's College (Autonomous), Kolkata on 11th and 12th July, 2020.
- Participated in the Webinar on "How to Build a Career in the IT Industry after Graduation Days in this Changed Pandemic Scenario with New ways of working", jointly organized by the Department of Computer Science and the IQAC, Narasinha Dutt College, on 4th July, 2020.
- Participated in the invited Web Talk on 'Data Migration-Heads and Tails', organized by Post Graduate Department of Computer Science, St. Xavier's College (Autonomous), Kolkata on 4th July2020 at 11AM.
- Completed successfully One Week Faculty Development Programme on "Open-Source Tools for Research", organized by Teaching Learning Centre, Ramanujan College, University of Delhi and sponsored by MHRD, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching from June 08-June 14, 2020.
- Completed successfully 10 hours online workshop on Machine Learning, organized by Nexgentics IT Services Pvt Ltd on 27th June, 2020.
- Attended Faculty Development on "Mindful Leadership": Invincible Wisdom in the Age of Artificial Intelligence organized by St. Xavier's College (Autonomous), Kolkata in association with IIM Kozhikode, 20th Feb, 2020.
- Presented a research paper titled "SCMCI: Secured Click and Mortar Commercial Interaction" in the International Conference on "Digital Democracy-IT for Change", held during 16th-18th January, 2020 at KIIT, Bhubaneshwar, organized by Computer Society of India.

- Been a technical member of 2nd International Conference on Innovative Business Practices In A VUCA WORLD, organized by Departments of Commerce & Management Studies, St. Xavier's College (Autonomous), Kolkata in collaboration with Department Of Commerce, University of Calcutta & Lincoln University College, Malaysia, 3rd-4th Jan, 2020.
- Presented paper titled "Impact of Artificial Intelligence in Making Better Marketing Decisions in Healthcare Industries", at Two Day International Conference on Emerging Perspectives in Commerce, Economics, Environment and Management Transformation of the Global Economy (ICCEM 2019) on 13th-14th September2019, Departments of Commerce and Management Studies of St. Xavier's College (Autonomous), Kolkata in collaboration with Bengal Chamber of Commerce & Industry.
- Two Day International Conference on Emerging Perspectives in Commerce, Eco-nomics, Environment and Management-Transformation of the Global Economy, organized by Departments of Commerce and Management Studies of St. Xavier's College (Autonomous), Kolkata in collaboration with Bengal Chamber of Commerce & Industry,13th-14th September, 2019.
- One Day National Workshop on Plagiarism and Academic Integrity, organized by Department of Information Technology and Fr. Verstraeten Library of St. Xavier's College (Autonomous), Kolkata on 31st August, 2019.
- 7-Day UGC Approved National Workshop on Quantitative Research Methodology (using SPSS-AMOS-iThenticate), organized by Departments of Commerce and Management Studies of St. Xavier's College (Autonomous), Kolkata from 8th Au-gust to 17th August, 2019.
- One Day National Seminar On "Data Science-The Key to The Future", organized by Departments of Computer Science and Statistics on 22nd July, 2019.

Prof. Sayantani Sur

 Organizing Committee Member and Participated in 7-Day UGC Approved National Workshop on Quantitative Research Methodology (using SPSS-AMOS-iThenticate), organized by Departments of Commerce and Management Studies of St. Xavier's College



(Autonomous), Kolkata from 8th August to 17th August, 2019.

- Organizing Committee Member in One Day National Workshop On "Plagiarism and Academic Integrity", organized by Department of Information Technology and Fr. Verstraeten Library of St. Xavier's College (Autonomous), Kolkata on 31st August 2019.
- Participated in Two Day International Conference on "Emerging Perspectives in Commerce, Economics, Environment and Management-Transformation of the Global Economy", organized by Departments of Commerce and Management Studies of St. Xavier's College (Autonomous), Kolkata in collaboration with Bengal Chamber of Commerce & Industry, 13th-14th September, 2019.
- Qualified NET in Commerce, December, 2019.
- Participated in One day National webinar on "IBM Security QRadar SIEM", organized by Amstar Technologies on 19th June, 2020.
- Participated in One day National webinar on "Impact of Covid-19 on Indian Financial Markets", organized by the Department of Commerce, The Heritage College, on 23rd June, 2020.
- Participated in 5-Day Faculty Development Programme on "Recent Advances of Machine Learning and its Applications", organized by Amity Institute of Information Technology, Amity University, Kolkata from 23rd June to 27th June, 2020.
- Participated in One day National webinar on "Advanced Excel", organized by the Institute of Technical and Scientific Research, Jaipur, on 28th June, 2020.
- Participated in One day National webinar on "Soft Computing- Issues & Applications", organized by the Department of Computer Science, Derozio Memorial College in collaboration with IQAC of Derozio Memorial College, Rajarhat on 30th June, 2020.
- Participated in 7-Day Online Faculty Development Programme on "LaTeX", organized by Department of Information Technology, Mizoram University in association with Spoken Tutorial Project, IIT Bombay, under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt of India from 29th June to 3rd July, 2020.

- Participated in Frontiers in Biological Sciences (Chapter IV), an International level webinar on "Covid-19: The Current Scenario", organized by Department of Microbiology in collaboration with the IQAC, St. Xavier's College (Autonomous), Kolkata on 2nd & 4th July, 2020.
- Participated in One day National webinar on "Entrepreneurship, Innovation & Technology in a Post-Covid 19 World", organized by the Faculty of Management Studies, The Maharaja Sayajirao University of Baroda, Vadodara, (Accredited Grade "A" by NAAC) on 9th July, 2020.
- Participated in One day National webinar on "Advanced Excel", organized by the Department of Lifelong Learning and Extension, Pune (sub-centre of SNDT Women's University) and Tech Mahindra Foundation's SMART Centre on 11th July, 2020.
- Participated in Two-day National webinar on "Pandemics and Natural Disasters: Understanding and Coping", organized by the IQAC and Academic Council of St. Xavier's College (Autonomous), Kolkata on 11th & 12th July, 2020.
- Participated in 7-Day Faculty Development Program on "Essentials for Blended Learning", organized by the Department of Information Technology, Dr. MGR Educational and Research Institute, Maduravoyal, Chennai from 13th July to 20th July, 2020.
- Participated in One day National webinar on "Technological Intervention for Rural Development", organized by Unnat Bharat Abhiyan Cell, North Eastern Regional Institute of Science and Technology (NERIST), Nirjuli (Itanagar), Arunachal Pradesh and Hosted by RCI, IIT Delhi, on 18th July, 2020.
- Participated in 6-Day Faculty Development Programme on "Holistic Development of Women", organized by the Women Development Cell, PSG, Polytechnic College, Coimbatore, Tamil Nadu from 21st July to 26th July, 2020.
- Participated in Three-day National webinar on "Impact of Digital Pedagogy in Technical Education inCovid and Post Covid situation", organized by Maulana Abul Kalam Azad University of Technology, West Bengal, India in association with the RCC Institute of Information Technology, Kolkata on 20th, 22nd & 23rd July, 2020.
- Participated in one-day International webinar on "Sustainable Business Opportunities and Resilience: A



Post Pandemic Era", organized by the Department of Commerce, Barasat College in collaboration with IQAC on 28th July, 2020.

 Participated in Two-day webinar on "NAAC Assessment and Accreditation Pro-cess" under UGC PARAMARSH Scheme, organized by the IQAC and Academic Council of St. Xavier's College (Autonomous), Kolkata on 30th & 31st July, 2020.

Participated in

14 International level webinars organized by Pantech Solutions in collaboration with various companies and colleges on "Brain Computer Interface", "Internet of Things", "Deep Learning", etc from 5th June, 2020 to 31st July, 2020.

ENVIRONMENT STUDIES

Dr. Arup Kumar Mitra, elected as a Recorder of the section of Environmental Sciences for 2020-2021 and 2021-2022(108th and 109th sessions of the India Science Congress). Acted as a Joint Convenor in International symposium on Environment and Climate Crises (ISECC) in collaboration with Blue Patch and The Biome on 20th December, 2019.

Authored 1 book chapter and 7 paper publications Course Coordinator of MOOC on Plant Groups and worked as a resource person of lecture series program for the UGC Educational channel made by the EMMRC, St. Xavier's College, (Autonomous), Kolkata. Acted as a resource person in a Lecture entitled "Potential use of solid waste in agriculture" at, St. Xavier's College, (Autonomous), Kolkata, Raghabpur Campus on 29th February,2020 delivered an invited talk in the webinars entitled Covid-19: Facts and Facets", conducted by IQAC, Sarat Centenary College on 26th June,2020, "Covid19 Pandemic: Mortality to Mitigation", conducted by Pingla Thana Mahavidyalaya, Maligram on 20th July, 2020.

Impact of Covid19 on Education Sector, conducted by Netaji Nagar College for Women on 27th, July 2020, "MOOCOLLOQUIUM on challenges, prospects and development of MOOC", conducted by EMMRC on 26th and 27th September2020, "Covid19 crisis", conducted by Ranchi University on 11th December, 2020.

Sanjana Ghosh, organized two webinars, entitled "Potential Use of Solid Waste in Agriculture" and "Revisiting Epidemics and Pandemics in India" at, St. Xavier's College, (Autonomous), Kolkata, Raghabpur Campus on 29th February,2020 and 30th July, 2020 respectively.

Acted as a resource person of lecture series program, on plant groups for the UGC Educational channel made by the EMMRC, St. Xavier's College, (Autonomous), Kolkata. Participated in the workshop "Phenomenon of Religion, St. Xavier's College, Bombay; from 7th July -31st July, 2020.

Qualified RET examination, conducted by St. Xavier's College (Autonomous) Kolkata, Department of Microbiology, 2020.

Department of Commerce (Evening)

"Nothing in life is to be feared, it is only to be understood. Now is the time to understand more, so that we may fear less."-Marie Curie

This year has been a very different one. As the coronavirus pandemic hit us in the beginning of 2020, we have been compelled to look at life and the higher education system in a completely new light. The past academic year has seen the Department of Commerce (Evening) face this unprecedented situation with commendable aplomb. It is an honour to present the Annual report of the Department of Commerce (Evening) to you. This report showcases the efforts taken towards continuing the teaching – learning process in a digital mode as the fear of the pandemic sunk its teeth deep into the fabric of our mundane existence. This report also highlights the diligence, commitment and achievements of our faculty and students in the past academic year. As we embarked upon an odyssey of a digital mode of education, we overcame quite a few challenges with our quintessential innovation. The MSTEAMS platform was used to conduct classes through the digital mode. The faculty, students and support staff were given extensive training pertaining to the use of MSTEAMS. They all rose up to this challenge of online education and updated their knowledge and skills in a very short span of time.



This vibrant Department is well known for its noteworthy pedagogy in this dynamic discipline. It is placed alongside the highly ranked departments in Commerce among the undergraduate colleges of this country. The continuous academic and research endeavours of our faculty and the brilliance of our students both in curricular and co - curricular activities have been a constant source of pride for the College. Our innovative bachelor's programme in Commerce is complimented by a multi - media learning environment and enriched by faculty mentoring. We continued all these activities in an online mode with a modified pedagogy and were fairly successful in the process.

During July- December, 2019, the Department organized a Seminar for 3rd Year Students on Banking and Insurance where the invited speaker was Shri Puneet Yadav, IAS, West Bengal.

During January- June 2020, the Department organized several Seminars for 3rd Year Students on Auditing (Speaker- Dr. D. P. Nandy), Indirect Taxation (Speaker- Prof. Subhayan Basu) and Financial Institutions and Markets (Speaker- Dr. Siddhartha Sankar Saha).

During the pandemic crisis, the academic spirit was not dampened and hence during July- December 2020, the Department hosted One day International Webinar on "Moratorium on Loan Repayment: Effects on Financial Institutions" in collaboration with ICAI on 29th August, 2020 on Zoom platform where the eminent speakers were- Sri Chanchal Mazumder and Sri Tapash Chandra Paul.

Apart from the above said departmental activities, there are also achievements of professors of the department individually, namely-

Prof. Saptarshi Ray

- He was invited as a "Panelist" by Army Institute of Management, Kolkata, on the theme of "The Financial Budget Analysis – Drishtikon 2020" on 6th March, 2020.
- He published a paper in IIMS Journal of Management Science, "A Study of Non-performing Asset Management as a Strategic Approach to Ensure Sustainability among the Public Sector Banks in India" published by IIM Shillong, ISSN 0976-030X (Volume 11, Issue 1), dated January-April, 2020.

Prof. Hanzala Awais

- She published a chapter in "Education for Future: An Archive of Humanities, science and Technology for Sustainable Development" edited by Dr. Alex George, Media House Publications, Delhi. ISBN 978-93-88989-61-9.
- She published a Paper on "Islamic Banking: A step taking Financial Inclusion Beyond Bank Accounts in India" in Our Heritage Journal, Vol. 68 Issue (2020) with ISSN 0474-9030.

Prof. Arpita Dey

- She published a paper titled "A study on Marwari Accounting System and Marwari Business Tradition" published in the International Journal of Research in Finance and Management Volume III, July, 2020.
- She published an article titled "Economic Moats- Why Does it Matter in Companies?" accepted for publication in Youthink 2020-2021 Volume XV, The Annual Journal of the Department of Commerce, St. Xavier's College (Autonomous), Kolkata
- She published an article titled "Digital Nomads: The Global Transformation of Work Culture" accepted for publication in Youthink 2020-2021 Volume XV, The Annual Journal of the Department of Commerce, St. Xavier's College (Autonomous), Kolkata

Prof. Ruby Mary Notts

- She published an article titled "Dollar Trumped Bolivar" accepted for publication in Youthink 2020-21, Vol XV, The Annual Journal of the Department of Commerce, St. Xavier's College (Autonomous), Kolkata.
- She published an article titled "Tourism Cruising Beyond the Realm of Visible" accepted for publication in Youthink 2020-21, Vol XV, The Annual Journal of the Department of Commerce, St. Xavier's College (Autonomous), Kolkata.

Dr. Chandrima Banerjee

She attended a two-week online Refresher Course on Commerce and Management Research from UGC-Human resource Development Centre, University of Hyderabad from14.09.2020 to 26.09.2020.



She presented a paper 'A Summary Review of Literature on Emotional Labour in the Service Sector' at The Institute of Management Studies, Kolkata on 12th September, 2020.

Dr. Soma Nath

She participated in an Online Refresher Course on 'Research Methodology: Tools and Techniques' held from 7th to 20th July, 2020, organized by University Grants Commission, Human Resource Development Centre, Mizoram University (Under UGC STRIDE Scheme).

Prof. Aparajita Hembrom

She published a paper in "International Journal of Research in Human Resource Management" titled "Green HRM-The impetus to Organizational and Environmental Sustainability" in a Peer Reviewed Journal, Refereed Journal, Indexed Journal P-ISSN: 2663-3213, E-ISSN: 2663-3361.

Dr. Tuhina Manna

- She was awarded degree of Doctor of Philosophy in Science of Jadavpur University, Kolkata in December, 2019.
- She published a research article entitled "Gravitational Lensing, Precession of Periapsis and Time Delay Due to Wormhole in Quintessence Polytropic Spacetime"; in Modern Physics Letters A; 34 (2019) no.32, 1950264
- She published a research article entitled "Charged Perfect Fluid Sphere in Higher Dimensional Spacetime"; in Indian Journal of Physics; 94, 1679–1690 (2020).
- She published a research article entitled "Solar System Tests in Rastall gravity", Modern Physics Letters A ; 33, No. 1 (2020) 2050034
- She presented a paper entitled "Strong Lensing of a Regular Black Hole with an Electrodynamics Source" on 7th September 2020, and also actively participated in the IWARA 2020 Video-Conference - 9th International Workshop on Astronomy and Relativistic Astrophysics held at Mexico City, from 6th to 12th September, 2020.

Dr. Himadri Karmakar

- He was awarded degree of Doctor of Philosophy from Kalyani University in July, 2019.
- He reviewed a research article in Journal of Mathematics, ISSN: 2314-4629 (2020).
- He reviewed a research article in the journal Boletín de la SociedadMatemática Mexicana, ISSN: 1405-213X (2019).

Atanu Mondal

- He published a research article entitled "Ideals in B_1(X) and Residue Class Rings of B_1(X) Modulo An Ideal"; in Appl. Gen. Topol., 20(2) (2019), 379-393.
- He presented a paper entitled "In Search of Conditions of the Equality of the Rings B_1(X) and B_1^*(X) using m_Btopology" in the National seminar on "Recent Advances in Mathematics and its Applications", Department of Pure Mathematics, University of Calcutta, February 06-07, 2020.

Dr. Soumi Bhattacharya

She presented a paper on "Impact of Migration on Convergence of Per Capita Income across the Asian and Pacific Economies" in XXIXth Annual General Conference on Contemporary Issues in Development Economics (Funded by ICSSR, RUSA, Department of Economics, Jadavpur University) on December 17, 2019 in Department of Economics, Jadavpur University.

Dr. Jayita Bit

- She successfully completed the Refresher Course on Research Methodology for Faculty of Social Sciences, organized by Human Resource Development Centre, University of Hyderabad during 20th July 2020 to 1st August 2020 and obtained grade A+.
- She reviewed two papers in Sage publication, one paper in Emerald and one paper in IGDR.
- She published a paper named "Gamification: Dark Side and AIDA Model Analysis", co-authored by Pallavi Agarwal is accepted for publication in Youthink Volume XV: Allegiance, 2020; ISSN:





Dr. Debanjana Dey

She participated in an FDP on Indian Economy, conducted by Department of Economics, Faculty of Commerce on 19th December, 2019 at St. Xavier's College (Autonomous), Kolkata.

Dr. Koushik Chatterjee

- He has completed a Refresher Course in Entrepreneurship Development and Commerce from Osmania University.
- He has acted as a Resource Person in 1 International Seminar, 3 Webinars and 1 Faculty Development Programme.

Prof. Utsa Nath

- She participated in 3 Faculty Development Programme and many Webinars and Panel Discussions
- She published a chapter in the book named "Constitutionalism and Indian Administrative Law" (2020).

Prof. Shrabanti Chatterjee

She participated in 3 Faculty Development Programme and many Webinars and Panel Discussions

The Department has a multi - dimensional student

community. While many of them excelled in their academic pursuits, others broke new grounds in extra – curricular activities in the past year. We encourage our students to take keen interest in activities beyond the classroom. This includes sports and games, seminars, workshops and debates. The Xavier's Commerce Society is one of the most active societies in College. It continues to offer the students an opportunity to excel in the corporate domain. The Society organizes various career-oriented seminars, which enable the students to hone their skills in personal and professional spheres.

Many of our students have secured ranks in professional examinations like CA, CS and Actuarial Sciences. Our students have also got opportunities to pursue higher studies in leading business schools, both in India and abroad. A considerable number of our students have been placed with esteemed companies through the Placement Cell of our College. These achievements represent a bird's eye view of the efforts and accomplishment of the year gone by.

Finally, I would like express my reverence and sincere gratitude to Rev. Fr. Jeyaraj Veluswamy S.J., Rector, Rev. Fr. Dr. Dominic Savio, S.J., Principal and Rev. Fr. Peter Arockiam, S.J., Vice – Principal for their visionary leadership, constant support and encouragement especially in these trying times. They were enabled by the continued loyalty and dedication of our faculty, support staff and students who have worked relentlessly to realize the potential of the department in this new online mode of teaching – learning. Their collective efforts towards the smooth running of this online mode of teaching and learning is immeasurable.

Department of Commerce (M.Com.)

DEPARTMENTAL ACTIVITIES: JULY 2019-DECEMBER 2020

INTERNATIONAL CONFERENCE

The Post Graduate and Research Department of Commerce with support from IMPRESS-ICSSR organized Two Day 2nd International Conference on "Innovative Business Practices in a VUCA World" on January 3 and 4, 2020 (Friday and Saturday) at the college premises in collaboration with Department of Commerce, University of Calcutta and Lincoln University College, Malaysia. Total 56 papers were accepted for presentation in this event and more than 300 participants attended the conference.





The Department has organized National Level Webinar in collaboration with IQAC Cell on a theme titled "Managing Business in a Post COVID-19 World: Changes, Challenges and Strategies" on 18th July (Saturday) and 19th July (Sunday) 2020 respectively.

SPECIAL LECTURE SERIES

- Organized special lecture in the month of September 2020. Dr. Indranil Bose (Dean, School of Business, University of Bolton, Academic Centre Ras Al Khaimah, United Arab Emirates) on 12th September and Dr. Joyeeta Deb (Associate Professor, Department of Business Administration, Assam University, Silchar) on 26th September respectively acted as a key note speaker and enlightened our students.
- Organized special lecture session in the month of November 9, 2020, where our distinguished speaker Prof. (Dr.) M J Xavier [(Founding Director - IIM Ranchi), Professor of Marketing and Business Analytics & Chairperson - Centre for Technology and Innovation Loyola Institute of Business Administration (LIBA)] enlightened our students with the topic titled "Formulae for Success inLife".

STUDENT ACHIEVEMENTS

- Priyanka Shaw (Batch: 2018-20) stood second (Silver) in Post Graduate Race in Annual Sports meet 2019.
- Harshit Kapoor (Batch: 2018-20) stood second (Silver) in Post Graduate Race in Annual Sports meet 2019.
- Purvi Jhawar, student of semester III (Batch:2019-21) qualified CBSENET (JRF) with 99.89 percentile and also published an article in annual magazine of Xavier's Commerce Society, Youthink 2019 titled "Non-Banking Financial Companies: A study on its crisis and revival strategies".
- Sahil Rampal, student of semester III (Batch: 2019-21) completed two online MOOC courses on Behavioral Finance and Sports Marketing from Duke University, USA and Northwestern University, USA respectively.
- Anjali Priya, student of semester III (Batch: 2019-21) received gold medal for kho-kho competition in Cofradia, 2020.

- Pritha Choudhury, student of semester III (Batch: 2019-21) received gold medal from honourable Governor of West Bengal, Shri Jagdeep Dhankar, for securing highest marks in semester: I to VI (2016-2019) in B. Com Honours (Accounting and Finance) (St. Xavier's College, Raghabpur Campus).
- Abhirup Mitra, student of semester III (Batch: 2019-21) has received best presentation award in the two days International Webinar on 'Blue Carbon Domain: A Potential Regulator of Climate Change' organized by Centre of Excellence for Environment, Climate Change and Public Health, Utkal University on 4th to 5th September, 2020.
- Mehul Jatania, student of semester III (Batch: 2019-21) presented paper named "Prevalence of Game Theory in Finance" at International Conference on Innovative Business Practices in a V.U.C.A. World 2020 organized by St. Xavier's College (Autonomous), Kolkata in association with University of Calcutta and Lincoln University of Malaysia and also published an article named "Dissecting the Present Supply Chain Crunch in India" in Kaizen Journal of IIM Rohtak on June, 2020.
- Debjani Samaddar, student of semester III (Batch:2019-21) secured First Position in 9th W.B. SKJF State Karate Championship 2020 organized by W.B. Shotokan Karate-Do Japan Federation of India.
- Sourya Chakraborty, adjudicated Geo Vista Photography Contest, organized by Department of Geography, St. Xavier's College, Burdwan, focusing on the theme- Man and Environment Relationship.
- Muskan Agarwal, student of semester I (Batch: 2020-22) completed certificate course on GST on October 26,2020.
- Nikita G Bahrus, student of semester I (Batch: 2020-22) completed a one-month Management Development Programme on Stock Market Analysis conducted by National Stock Exchange from 16th July to 20th August, 2019.
- Nistha Upadhyay, student of semester I (Batch: 2020-22) completed a one-month Management Development Programme on Stock Market Analysis conducted by National Stock Exchange from 16th July to 20th August, 2019.
- Awarded with academic excellence from The Heritage College, 2019 by Arnab Kar student of semester I (Batch:2020-22).





- Puja Tewari, student of semester I (Batch: 2020-22) received Certificate of Excellence in Academic on August 3,2019.
- Sampad Xavier Chaudhuri, student of semester I (Batch: 2020-22) got featured on 3rd October 2020 edition of The Telegraph - Metro & on the live telecast of News 18 Bangla on 15th October 2020 for Singing the song "We are the World" by Michael Jackson together with 80 different artists from 32 countries, under Peter Gomes's initiative.
- Bhavana Atal, student of semester I (Batch: 2020-22) completed a course on Financial Modelling course from "Younity.in" in collaboration with "Fin Cradle" dated 20th October 2020 and also received from "My Captain" (an NSRCEL IIM Bangalore Incubated company) for Photography course dated June, 2020.
- Moumita Pachal, student of semester I (Batch: 2020-22) attended online webinar on 'Understanding Financial Markets and its Importance to your Career" by BSE Institute Limited on 6th June, 2020.

FACULTY ACHIEVEMENTS

Dr. (CA) Sanjib Kumar Basu, Dean

PAPER PRESENTATION:

Presented a research paper titled "Pricing of Audit Services in India- A Study" in Asian Pacific Conference on International Accounting Issues organized by the Warsaw School of Economics, Poland on 13-16 October, 2019.

BOOK PUBLICATION:

Published three books covering CBSE Accountancy- Class XII (Volume-I, II, and III) syllabi published by Pearson Education, India.

RESEARCH GUIDANCE:

Four Ph. D scholars are doing their research work at present in the college under his guidance. Out of them one research scholar has already submitted her pre-submission presentation before the Committee and the other is waiting for pre-submission presentation. One of the Ph. D Scholars has got registered in the last academic year and another has got enrolled in the last this academic year.

ACTED AS A RESOURCE PERSON:

 Acted as a key note Speaker in the special training programme on 'Financial Management for Decision Making' organized by the Committee of Public Finance and Government Accounting of the Institute of Chartered Accountants of India on 10th to 14th June, 2019 at Gangtok.

- Acted as a resource person in Specific Refresher Course in Commerce organized by the Department of Commerce, University of Calcutta on 7th December, 2019.
- Invited to act as the key note speaker for the training programme for Peer Reviewers organized by the Institute of Chartered Accountants of India at Kolkata on 4th February, 2020.
- Acted as the key note speaker for the training programme for Peer Reviewers organized by the Institute of Chartered Accountants of India at Ranchi on 8th February, 2020.
- Acted as a resource person for the virtual training programmes on Auditing and Assurance organized by the Institute of Chartered Accountants of India for the members in the month of August, 2020.
- Acted as a resource person for the virtual programmes organized by the Institute of Cost Accountants of India for the students of Intermediate Course during the month of June, 2020

Dr. Sumanta Dutta, Assistant Professor

RECOGNITION:

- Received Teaching and Research Award 2020 from SSM Trust of India.
- Obtained National Education Leadership Award 2019 for outstanding contribution in the field of Marketing Research on November 17, 2019 by Orpit Services Pvt.Ltd.

ACTED AS A RESOURCEPERSON:

- Acted as a resource person on September 23, 2020 (online Webinar) in the Five-Day National Level Faculty Induction Programme on "Research Methodology" held from 20 - 24 September 2020 organized by South Asian Institute for Advanced Research and Development (SAIARD) in collaboration with Centre for Professional Development in Higher Education, University of Delhi.
- Acted as a speaker for Panel Discussion in the 4th Doctoral Colloquium on Contemporary Issues in Management by Institute of Management Study, Kolkata on 12th September, 2020.



- Acted as a resource person on August 26, 2020 (online Webinar) for 7-Day Faculty Development Programme on Data Driven
- Approach in Management Science held from 24-30 August, 2020 organized by IMS Business School-Kolkata, Sumy National Agrarian University-Ukraine and International Social Science Research Association-Bangladesh respectively.
- Acted as a speaker in 2nd International Conference on Sustainable Tourism (Digital) held on August 21, 2020 (Friday) organized by Touriosity Travelmag, an International Travel magazine.
- Acted as a resource person on May 23, 2020 (online Webinar) for Five Days International Workshop on Research Methodology organized by South Asian Institute for Advanced Research & Development (SAIARD), Kolkata in collaboration with Dr C V Raman University, Bilaspur.

PUBLICATION:

- Published a paper in Think India Journal, Vol-22-Special-Issue-27- December-2019, pp.1-4, (ISSN: 0971-1260) (UGC-CARE Listed Journal).
- Published a paper in Management Accountant (Journal of Institute of Cost Accountants of India) Vol.55, No.3, March 2020, (ISSN-0972 3528)pp.59-62.

WORKSHOP ATTENDED:

Attended Two Day National Webinar on NAAC Assessment and Accreditation Process under UGC Paramarsh Scheme organized by St. Xavier's College (Autonomous), Kolkata in Collaboration with IQAC Cell on July 30 and 31,2020.

Prof. Ankita Samanta, Assistant Professor

WORKSHOP ATTENDED:

- One-week Online Research Methodology Workshop cum FDP on "Introduction to Cross-Sectional Data Analysis using SPSS and JAMOVI" from 17th August to 23rd August, 2020.
- Five Day FDP on Advanced Research Techniques organized by MAKAUT in August, 2020.
- Five Day Workshop on Application of Econometric Tools for Data Analysis held during July 6-10, 2020 organized by Institute of Public Enterprise, Hyderabad.
- FDP on Applied Econometrics with Software Applications, 4thto 6th March, 2020, organized by IMI, Kolkata.
- One-day FDP at St. Xavier's College (Autonomous), Kolkata on 18th December, 2019.
- Two-Day Faculty Development Workshop on "Case Pedagogy as a Learning Tool" held on 8th and 9th November, 2019 at Xavier Institute of Management, Bhubaneswar.
- Attended Two-day National Webinar on NAAC Assessment and Accreditation Process held on 30th and 31st July, jointly organized by St. Xavier's College (Autonomous), Kolkata.

Department of Management Studies

In 2021, the Department of Management Studies at St. Xavier's College stepped into its 19th Year. Since its introduction as BBA, the priority has always been to provide an updated academic programme. The department is known as BMS because of change in nomenclature following the University Grants Commission template on Under Graduate courses under Choice Based Credit System and approved by the University of Calcutta. It is effective for students enrolled from the academic session 2017-18. This program is unique given the core values it imparts in terms of intellectual depth, leadership skills, and social responsibility. The curriculum is flexible, broad and gives students the opportunity to develop an academic program that is tailored to their ambitions and interests.

A special seminar on "Business Policy and Strategy" was organized for all the final-year students of BMS on Saturday, the 22nd of February, 2020. The resource person for the seminar was Prof. Chandradeep Mitra, of IIM Calcutta, who enlightened the students on the various practical and realworld insights related to business policy and strategy. The seminar was extremely well-received by all the students present.

The department is blessed with well qualified and experienced faculties who always keep themselves updated with current developments and continuous learning.



FACULTY ACHIEVEMENTS

Prof. Basuli Dasgupta

- Participated in One Day Case writing workshop organized by IICMR held on 14th and 15th June, 2019
- Worked as a Joint Convener for the 7day UGC Approved National Workshop on Quantitative Research Methodology (Using SPSS-AMOS-iThenticate) organized by St Xavier's College (Autonomous), Kolkata in collaboration with Institute of Development Studies (IDSK), Kolkata held from 8-8-2019 to 17-08-2019
- Participated and worked as member of hospitality committee in Two Day International Conference on Emerging Perspectives in Commerce, Economics, Env. & Management- Transformation of Global Economy organized by Department of Commerce & Management Studies, St. Xavier's College (Autonomous), Kolkata. Collaboration with Bengal National Chamber of Commerce & Industry held on 13-14 September, 2019.
- Participated in the One-Day Workshop entitled "Crafting and conducting Research and How to Publish" (UGC-CARE LISTED JOURNAL) organized by the Post-Graduate Department of Commerce, St Xavier's College (Autonomous), Kolkata on November 9, 2019
- Participated in One Day FDP on Applications of Finance Lab in Research conducted by Department of Commerce, St. Xavier's College (Autonomous), Kolkata in 18th December, 2019.
- Participated in the One Day International Webinar on 'Living with Lockdown: Lessons from India's COVID-19 Response and the Way Forward to Economic Survival' Jointly organized by The Department of Commerce, Malda College, Malda and The Department of Commerce and Economics, Sivanath Sastri College, Kolkata held on 5th June, 2020
- Participated in National Webinar on "Pandemics and Natural Disasters: Understanding and Coping" conducted by St. Xavier's College Autonomous Kolkata-16, IQAC and Academic Council on 11th and 12th July, 2020.
- Published paper entitled "Factors Affecting Operational Efficiency: A Comparative Study Between Private and Public Sector Banks in India" In DRSR Journal, ISSN2347-7180, UGC CARE Group 1 Journal (Impact Factor 7.12)

Prof. Rajashik Sen

- Presented a paper in two day International Conference on Emerging Perspectives in Commerce, Economics, Env. & Management- Transformation of Global Economy on the topic "A study of Investment habits of Professional Men and Women in Kolkata", organized by Department of Commerce & Management Studies, St. Xavier's College (Autonomous), Kolkata. Collaboration with Bengal National Chamber of Commerce & Industry. 13-14 September, 2019.
- Participated and Completed One Week Online FDP Course with Grade A on Research Methodology for Social Science conducted by Indian Academic Researches Association, Tiruchirappalli, Tamil Nadu, India- 620021 held in 6th to 12th April, 2020.
- Participated in One Day FDP on Applications of Finance Lab in Research conducted by Department of Commerce, St. Xavier's College (Autonomous), Kolkata in 18th December 2019.
- Participated in National Webinar on "Pandemics and Natural Disasters: Understanding and Coping" conducted by St. Xavier's College Autonomous Kolkata-16, IQAC and Academic Council on 11th and 12th July, 2020.

Prof. Rajni Gupta

- Presented a paper titled 'Corporate Economic Performance: An Empirical study of Automobile sector in India' in the Third Annual Conference in Banking and Finance : 'Fintech and Banking – The Road Ahead for the Indian Banking and Financial System' held at International Management Institute, Bhubaneshwar on August 16-17, 2019.
- Participated in the National Workshop on 'Perspectives & Challenges in Outcome Based Research' organized by National Institute of Technology, Tiruchirapalli under AICTE Margdarshan Scheme during July 13th -17th, 2020 through online mode in MS Teams Platform
- Participated in an online FDP on 'Research Publication and Ethical Issues' organized by Hisashi-Excellence Education Pvt. Ltd. on June 28 and 29, 2020.
- Participated in the webinar on 'Future of Banking' organized by Acasia Global Consulting on June 24, 2020
- Participated in the webinar on 'Impact of Covid 19 on



Indian financial Markets' organized by the Commerce Department of Heritage college on June 23, 2020

- Participated in the International webinar organized by Globsyn business school on 'Building Economic and Business Resilience, Agility and Sustainability in the post COVID-19 Era' on June 20, 2020
- Participated in the 5 days Online Faculty Development Program on 'The Art and Science of Research Publications' from June 18 to June 22, 2020 organized by International Management Institute, New Delhi
- Participated in One-Day Faculty Development Programme on Applications of Finance Lab in Research organized by Department of Commerce, St. Xavier's College, Kolkata on 18th December, 2019
- Participated in two day Faculty Development Workshop on 'Case Pedagogy as a Learning Tool' held on 8th and 9th November, 2019 at Xavier Institute of Management, Bhubaneshwar
- Participated in National Workshop On Plagiarism and Academic Integrity organized by Department of Information Technology and Fr. Verstraeten Central Library St. Xavier's College (Autonomous), Kolkata on 31st August, 2019
- Participated in the Third Annual Conference in Banking and Finance: 'Fintech and Banking – The Road Ahead for the Indian Banking and Financial System' held at International Management Institute, Bhubaneshwar on August 16-17, 2019.

Dr. Supriyo Patra

- Dr. Supriyo Patra co-authored a research paper titled "A study on Career Preference of Final Year Undergraduate Management Students in Kolkata" published in Our Heritage, January 2020 (ISSN 0474-9030).
- Dr. Supriyo Patra co-authored a research paper titled "A Study on Awareness of Green Products in Kolkata" published in IJRAR in April 2020(P-ISSN 2349-5138).
- Dr. Supriyo Patra co-authored a research paper titled "A Study on the Perception of Wearable Fitness Devices (Fitness Bands) among the People of Kolkata" published in Our Heritage, January 2020 (ISSN 0474-9030).
- Dr. Supriyo Patra was awarded a Certificate on Brand Management by IIM-Bangalore.

 Dr. Supriyo Patra co-authored two papers that were accepted for presentation at ITM Business School (Online National Conference) held on September 2020.

STUDENTS' ACTIVITY

- A brief overview of the main events organized by the Xavier's Management Society, the student body of the department include the following:
- December, 2019: As a part of our endeavour to give back to the society, we took up several initiatives. We celebrated Christmas with the children of Anandaghar, an HIV Positive Centre for kids that provides homeless children with a home and proper treatment facilities.
- January, 2020: We also organized an eye and health checkup camp for over 300 underprivileged people in Uluberia, to celebrate the completion of 10 years since XMS' inception.
- February, 2020: The Xavier's Management Convention'20

 a national level management fest that was held in the month of February. The theme was Olympus: Clash for Divinity. The Convention witnessed a battle of merit among students representing colleges from across the country. We had the pleasure of hosting Mr. Rahul Subramanian, Comedian and Youth Influencer, and Mr. Sandeep Patil, Former Member of the BCCI, as speakers.
- August, 2020: The X-Ecutive'20 was the sixteenth version of our annual departmental magazine which features innovative content on different domains of management, was launched in the month of August. This edition included exclusive interviews with Dr. Philip Kotler, Mr. Kuldeep Yadav, and Mr. Arunachalam Muruganantham who inspired the readers through their wisdom.





October, 2020: We welcomed the new batch of students with an event exclusively for the first years. X-Genesis'20-Emanate an Uncharted Realm, hosted in the month of October. It was the first event to be conducted virtually and saw participation of 750+ teams competing across 8 rounds to prove their mettle. The event witnessed stalwarts like Mr. Ashwani Lohani, former Chairman and Managing Director of Air India, Mr. Arjun Deshpande, Founder and CEO, Generic Aadhar, Ms. Deepshikha Anand, Founder and Managing Partner, SpeakIn, followed by Mr. Rudra Chatterjee, Managing Director, Luxmi Tea and Chairman, Obeetee Ltd interacting with the students. Their captivating stories inspired students to follow their dreams unfazed by obstacles.

We hope that year 2021 will bring in greater opportunities. Let me conclude with my sincere gratitude to Rev. Fr. Dominic Savio, S.J., Rector and Principal and Rev. Fr. Peter Arockiam, S.J., Vice- Principal for their continuous support, encouragement and guidance.



Department of English

The Department of English promotes excellence not just in the sphere of teaching but also by imbibing and implementing new methods of literary interaction with the students. Members of the Department regularly involve the students in academic activities like seminars, workshops, poetry reading sessions, projects, paper presentations and group discussions to encourage and improve their interpersonal skills. Regular screening of movie adaptations of texts as part of academic exercises is one of the innovative techniques applied by the members of the Department for better comprehension of the discipline. The faculty members are Prof Bertram Da Silva (Vice Principal, Arts & Science), Prof. Dr. Argha Kr. Banerjee (Dean of Arts), Prof. Dr. Suchandana Bhattacharyya (Head of Department), Prof. Partho Mukherji, Prof. Dr. Chandrani Biswas, Prof. Dr. Christina Mirza, Prof. Dr. Sacaria Joseph Shaju S.J., Prof. Arjun Sengupta and Prof. Namrata Chowdhury.

Dr. Argha Kr. Banerjee has published the following: (1)The chapter "Strange Hells": Shell Shock, Trauma and Transatlantic Poetry of the First World War' in Transatlantic Shell Shock: British and American Literatures of World War I Trauma published by University of North Georgia Press, Georgia, U.S. ISBN: 978-1-940771-65-6. pp. 38-73. 2019.(2) The chapter "Imaginary Homelands": Fighting Terror, Writing in Exile' in the book Terrorism in Literature: Examining a

Global Phenomenon, published by Cambridge Scholars Publishing, Newcastle upon Tyne. ISBN (10): 1-5275-3760-9; ISBN (13): 978-1-5275-3760-6. pp. 233-251. 2019. (3) Ghare Baire: An Eco-critical Perspective (In the journal South Asian Review, Routledge 2020). (4) The chapter: Of 'Trust' and 'Mistrust': Reading the Mind of a Predator in 'The Little Governess' in the book Katherine Mansfield and Bliss and Other Stories edited by Enda Duffy, Gerri Kimber and Todd Martin (Edinburgh: Edinburgh University Press, pp.105-122) ISBN 9781474477314.(5) Book Reviews and literary features for 'The Literary Magazine' The Hindu, The Statesman, The Biblio and The Telegraph. He has also presented the following papers: (1)Presented a paper entitled "At Home and in the World": Bengal and the Great War (1914-18)', at a two day International conference on 'The First World War and Bengali Life', organized by the Department of English, Jadavpur University, under RUSA 2c on 15th January 2020. (2) Presented a paper titled "" Beauty that must Die": Time, Death and Mutability in Keats's Great Odes' at a State Level Seminar organized by the Department of English, Jadavpur University under CAS (Phase 3) on 13th September, 2019.

Dr. Chandrani Biswas delivered a lecture on 'Trends in Indo-Anglian Poetry' to students from Macquaire University, Australia held in September 2020, organized by the



International Studies Exchange programme, St. Xavier's College, Autonomous, Kolkata. Dr. Chandrani Biswas also interviewed eminent author, Ruskin Bond in the programme Conversation with author in Literaria, the annual event of the English Academy on 1st October'19. An article authored by Dr. Biswas entitled "Ralph Ellison: The Invisible Man" was published in the anthology "The American Novel from Hawthorne to Heller, Cultural Contexts and Critical Perspectives" eds Ashok K. Mohapatra, Pritha Chakraborty and Sharbani Banerjee Mukherjee, Macmillan Education 2019. Prof. Biswas was the Co-convenor and Moderator in the National Conference on Women's Issues and Everyday Life; Power, Resistance and Representation organized by The Women's Study Centre, St. Xavier's College (Autonomous), Kolkata on the 10th and 11th of January, 2020. She even participated as a panelist in a discussion on 'Coronar Beshtonite Nari ebong Narir Obosthan' held on 16th May, 2020. Dr. Biswas actively participated in the two-day webinar on NAAC Assessment and Accreditation Process held on 30th and 31st July, 2020 organized by St Xavier's College, Autonomous, Kolkata. Dr. Biswas delivered a lecture on 'Motherhood and Gender Ideology: A Reading of Toni Morrison's Sula and Buchi Emecheta's The Joys of Motherhood in the International Webinar 'Voices in Literature; Texts and Contexts', organized by The Department of English, Panchla Mahavidyalaya in association with IQAC. Panchla Mahavidyalaya and Puras Kanpur Haridas Nandi Mahavidyalaya held on 3rd August, 2020. Prof. Biswas delivered a lecture on 'The Journey Within; Postcolonial Responses to The Heart of Darkness' at an Online Lecture Series organized by the Department of English, Tara Devi Harakh Chand Kankaria Jain College on 14th August, 2020.She read a paper entitled 'The Politics of Otherhood in Buchi Emecheta's Second Class Citizen and Destination Biafra' organized by The Department of English, Rishi Bankim Chandra College in a two-day International Webinar held on 22nd - 23rd August, 2020. Dr. Chandrani Biswas also participated in a panel discussion as a panelist in a talk on Magic Realism organized by Poetry Paradigm in collaboration with Oxford Bookstore held on 4th October, 2020.

Dr. Christina Mirza delivered a talk on "Hollywood Musicals" at the Jadavpur University Society for American Studies (JUSAS) Workshop on Appreciating American Cinema, Jadavpur University, on 14th August, 2019 as an invited Resource Person.

Dr. Suchandana Bhattacharyya's paper titled "The Self and the Other: Generic, Generational and Specific considerations

of Black Motherhood in the Memoirs of Maya Angelou" was published in the literary journal titled 'Eshana' 2019-2020 edition ISSN 2349-0985. Prof. Bhattacharyya was a Moderator of a session on Women Empowerment in the National Conference on Women's Issues and Everyday Life; Power, Resistance and Representation organized by The Women's Study Centre, St. Xavier's College (Autonomous), Kolkata on the 10th and 11th of January, 2020. Dr. Bhattacharyya actively participated in the two-day webinar on NAAC Assessment and Accreditation Process held on 30th and 31st July, 2020 organized by St Xavier's College (Autonomous), Kolkata. Dr. Bhattacharyya presented a paper titled "Myth and the Mirror: Rereading Miller's Death of a Salesman" at the webinar organised by Jain College on 17th August, 2020.

The Postgraduate Course of the English Department commenced from July 2019. The idea of creating an M.A. course in English was conceived after due deliberation on the strengths and achievements of the department, its exemplary track record and the quality of students it produces. The Department of English has achieved a recognised level of excellence and the repeated and insistent requests from our students and the general public to start an M.A. in English are a positive indicator that the course will attract many students. In addition, the Department has a dedicated faculty whose commitment to teaching and research, academic qualifications and achievements, experience of postgraduate teaching and training students in fundaments of research, and enthusiasm about starting a post-graduate course constitutes a strong asset. The Department has already ideated a post-graduate syllabus, and has begun to update and modernize that syllabus keeping in mind the nature of contemporary English studies and the specializations that will empower students in their study of the subject. The Department has the adequate infrastructure, library facilities and grants, and sufficient number of faculty to conduct the M.A. course with the confidence of ensuring and maintaining academic quality.

The Department has organized a series of Special Lectures delivered by eminent academicians from Universities in the city. In an attempt to pursue academic excellence even in times of the raging pandemic Covid-19, the Department of English has embraced the methods of imparting online education to the students of the College through a regular and systematic process. The Department aims to continue to excel in its academic and co-curricular activities in the years to come.



Department of Political Science

The Department of Political Science is committed to help students develop enthusiasm and self confidence in the discipline of Political Science. While it is extremely challenging to stimulate and sustain interest in the complex but fascinating field of politics, the students of the Department have made us proud by excelling in diverse fields. A good number of them have continued into Postgraduate courses while others have pursued journalism, mass communication, law and even preparation for various competitive examinations. With the implementation of CBCS syllabus at the undergraduate level and the newly introduced Postgraduate programme from 2019, the faculty members of the Department have endeavored to create a space where ideas and viewpoints can be articulated, discussed, debated and collectively deliberated. It is this democratic spirit as a team bound by a unity of purpose that has enabled students and faculty to actively engage in classroom teaching and learning as well as simultaneously organize and attend a numbers of activities since July 2019.

On the 20th and 21st of September,2019, the Department organized the second edition of Sansad- a Model Parliament which was a simulation of the 17th Lok Sabha on the Draft National Education Policy 2019. The second edition of Sansad witnessed enthusiastic participation of students from a number of Departments of the college.

On 7th February 2020, a book talk was held in the Department in which Prof. Subrata Mukherjee, former Professor Dept. of Political Science, University of Delhi South Campus spoke on his recently published work, The Political Ideas of Rabindranath Tagore-Reflections of a Public Intellectual.

On the 10th of February 2020, Prof Dipankar Sinha from the Dept. of Political Science, University of Calcutta and Director, Centre for Social Sciences and Humanities delivered a talk on Postmodern Public Administration: What it is and is not.

On the 15th of February 2020, the Department hosted its annual departmental event Suffragium, on the theme 'Access to Justice: Ideals and Reality.' The inauguration ceremony was graced by the chief guest Hon'ble Justice Soumen Sen [Judge, Calcutta High Court], Principal, Rev. Dr. Dominic Savio S.J., Vice Principal, Prof. Bertram Da Silva and other dignitaries. The Departmental journal, 'Politique', was released by Father Principal which was followed by the Principal's address and the address of the Chief Guest. This was followed by a Panel Discussion with eminent panelists: Prof. Dr. Dipankar Sinha [Dept. of Political Science, Calcutta University], Prof. Dr. Nandita Dhawan [School of Women Studies, Jadavpur University], Ms. Atasi Ghosh [Advocate, Calcutta High Court], Mr. Jayanta. N. Chatterjee [Advocate, Calcutta High Court] and Ms. Monami Das, Social Activist and Senior Project Manager [Nishtta]. The discussions were moderated by Prof. Dr. Indranil Bose [Dept. of Political Science, St. Xavier's College (Autonomous)]. Other events scheduled for the day included: Poli-Rattle [Just-A-Minute]; Poli-Poll [Mock Election Campaign]; Poli-Enact [Cosplay]; Poli-Verse [Poetry Recitation] and Expeditious [Political Quiz]. The events concluded with the Valedictory ceremony attended by the Professors of the Department.

Other events scheduled for March 2020 included a Research Methodology Workshop for the Postgraduate students of the Dept. which however could not be materialized due to the suspension of all academic activities on the college camps on account of the coronavirus pandemic. While the shutting down of college brought in a pause in offline academic activities, the faculty members of the department meticulously conducted online classes for the Semester II Postgraduate students and ensured the completion of the course.

August 2020 saw the resumption of online classes for all batches following a new online calendar and along with a new digital mode of interaction with students. This digital turn being both fascinating and to some extent a daunting experience, the students and the faculty members have nevertheless adjusted in the most efficient manner. Trying to reach out to students and converse even a midst connectivity issues, has not dampened the spirit of the department. With rigorous online classes, pending examinations and internal assessments being conducted for the current batches; the department has made full use of the hitherto untapped avenues that online teaching and learning has to offer. Three webinars were held in the month of October on Microsoft Teams on topics of contemporary relevance.

On 3rd October 2020 a webinar was organized by the department in which Professor David Schultz from Hamline University, Department of Political Science and Department of Legal Studies, St. Paul, Minnesota interacted with the students on the Topic "American Presidential Elections".

On 10th October 2020 the second webinar was organized. The resource person was Prof. Dr. Manisha Madhava, Associate professor and Head of Dept of Political Science, S.N.D.T Women's University Mumbai. Dr. Madhava spoke on the Topic "New Public in the Second Republic: Emerging Contours of Political System in India".

On 17th October 2020 the third webinar was organized in which by Prof. Partha Pratim Basu, Professor of the Dept. of International Relations, Jadavpur University, Kolkata, spoke on the Topic "New Media, Democratic Governance and Politics: Some Emerging Issues".

As the department eagerly awaits its return to the campus, we look forward to a successful and fulfilling journey ahead in the years to come.

FACULTY ACHIEVEMENTS

Prof. Udayan Das (June 2019 – December 2020)

FELLOWSHIP

Awarded the James Roach Pre-Doctoral Fellowship in International Relations by Osmania University Centre for International Programme, Hyderabad (October 2019 – November 2019).

PAPER PRESENTED

Presented a paper titled, "Bay of Bengal: Situating Postcolonial Imagination and Climate Change" at the International Conference on BIMSTEC: Constructing New Pathways in the Context of Rising Asia, jointly organised by UGC Centre for Maritime Studies, Pondicherry University and Observer Research Foundation, Kolkata, Pondicherry University, February 11-12, 2020.

REVIEWER

Expert reviewer, Journal of Indian and Asian Studies, Institute of Indian Studies, Hangkuk University of Foreign Studies, South Korea.

SELECT PUBLICATIONS

Online Publications :

• Assessing India's Shift from SAARC to BIMSTEC, South Asian Voices, Stimson Centre, June 27, 2019.

- What is the Indo-Pacific?, The Diplomat, July 13, 2019.
- Understanding the Indo-Pacific: A Case of Two Rivalries, South Asian Voices, Stimson Centre, December 11, 2019.

Journals :

- Indo-Pacific Diverse Perspectives, Book Review, National Security Vol. II Issue III, VIF, New Delhi, September 2019, ISSN 2581-9658 (O).
- COVID and Global Order: Issues for Global Cooperation, NUJS Journal of Regulatory Studies, Special Issue, Journal of the Centre for Regulatory Studies, Governance and Public Policy, NUJS, Kolkata, April 2020, ISSN: 2456-4605 (O).

Newspapers

Jostling in the Bay of Bengal, Deccan Herald, February 11, 2020.

Prof. Dr. Farhat Bano

PAPERS PRESENTED

- Presented a paper on Environmental ethics in Islam at an All Faith Climate Change Conference organized by Seva Kendra Calcutta on 14th December, 2019.
- Presented a paper on Environmental Stewardship and Inter generational Justice: An Islamic Perspective in an International and Interdisciplinary Conference on Human Rights and Social Justice: East and West organized by Derozio Memorial College, Kolkata in collaboration with the Institute of Cross Cultural Studies and Academic Exchange, NC, USA from 4th-6th January, 2020.
- Presented a paper entitled Stifling Civic Freedoms During CAA protests: A Violation of Human Rights at an international conference on Human Rights: Contexts and Concerns organized by IQAC, Bijoy Krishna Girls' College, Howrah in collaboration with West Bengal Human Rights Commission on the 17th of January, 2020.





Department of Sociology

2019 was a big year for the Department. We hosted out first three-day international conference from 31st October to 2nd of November 2019. The conference was organized around the theme "Contemporary Caste Gender and Minority Questions in West Bengal and Bangladesh: Some Explorations". The Department also released the ninth edition of its annual journal "Young Sociologist" The international conference brought researchers, distinguished speakers and discussants from different countries across four continents the United States, United Kingdom, Germany, New Zealand, Singapore, India and Bangladesh. It was funded by New Zealand India Research Institute, Ambedkar University Delhi, Observer Research Foundation, Kolkata and Nagorik Uddyog, Dhaka. Eminent speakers included Sekher Bandyopadhyay, RevatiLaul, Maroona Murmu, Manoranjan Byapari, Carola Lorea, Anusua Basu Ray Chowdhury, Rukmini Sen Haimanti Roy, Hilal Ahmed, Syed Abul Maksud, G Nagaraju to name a few. The event was an academically enriching experience with more than ninety paper presentations that covered a range of themes related to the overarching theme of the conference. Some of the most eminent participants and speakers wrote back to the HOD, the main convenor of the conference praising the high quality of most papers presented there and also offered valuable feedback for future endeavours. The event also provided a platform for collaborative union of local associations into a general

interactive and discursive session highlighting the diversity of experience. It was named Voices in Diversity. An exhibition based on the themes of violence and genocide was conducted simultaneously. The success of the Conference could also be measured by the fact that New Zealand India Research Institute, Wellington offered to organize in April 2020 a fullyfunded two-day workshop around caste in collaboration with the Department in the college premises. However, Covid-19 led to the postponement of the workshop. It will be held sometime in 2021. The department organized only two colloquiums in January and February 2020.

The Department organized a National Webinar titled "Privilege and the "New Normal" on 5th October 2020. Dr Rekha Pappu, Associate Professor, TISS, Hyderabad, Dr U. Vindhya, Professor, TISS, Hyderabad and Dr Urmila Bhirdikar, Professor, Shiv Nadar University were the speakers at the event. The engaging discussion was moderated by Sweta Chakraborty, PhD Research Scholar, Dublin City University.

Two of our former students have secured full time teaching positions, Dr. Rimple Mehta in Western Sydney University and Dr. Debapriya Gangopadhyay in Pune University.

Publications: The book chapter by Dr. Sarbani Bandyopadhyay on Caste in Bengal for the OUP Handbook on Caste in Contemporary India edited by SS Jodhka and Jules Naudet was accepted for publication.

Department of Bengali

The academic year began with great expectations. The new CBCS syllabus which is now offered in our campus has the potential to ensure the bright future of the students and enhance their abilities. The faculty members of Bengali department work hard with the spirit of a team to deliver this course.

2019-20 is our seventh academic year since we started offering Honors in Bengali at Park Street Campus. The students who have passed out in last years have successfully engaged themselves in Postgraduate Studies and Research Work. Some of them also have entered in professional fields. Our student Mitu Roy has successfully achieved JRF in CSIR-NET examination. Our student Samya Mukherjee now works at West Bengal Govt. Consumer security service department, Tuhina Parvin has started working in a reputed banking sector. We are proud of those ex-students who are working successfully in different areas.

2019 being a good and prosperous year, the department carried the positive vibes in 2020 too. The department organized the first International Seminar on 11/01/20. Prof. Ghulam Murshid from Bangladesh and Prof. Rebecca Manring were present as invited speakers. From March 2020 with the decision of the Government regular classes of ongoing semester II, IV and VI were called off, the consequences of which were many. The sixth semester students had to complete their bachelor degree by giving examination in online mode. Our faculty members had been put up on digital platforms such as WebEx, Google meet, Zoom and others. At present, they perform the teaching-learning process on an online distance mode. We are happy for those sixth semester



students who have completed their B.A. course, the final examinations of which got delayed by two months from the schedule due to the pandemic. They have been properly admitted in M.A. course in different universities at present.

The 2020 July-December curriculum started almost on time due to the initiative of our college administration. We started the online classes on well structured, secured and properly maintained Microsoft Teams platform. The admission procedure of first semester students was also conducted online. We hope this pandemic situation will pass soon, but the experience is providing us with motivational lessons to never stop and fight back.

The faculty members engaged themselves in a continuous academic practice during this period. Dr. Shruti Goswami successfully completed a 4-week Induction programme organized by Ramanujan College, University of Delhi from June 4-July 1 and obtained A+ grade. She also attended an online talk on 'No Lockdown on Domestic Violence' organized by Bhawanipore Education Society College on June 10, and also participated in the 7-day Online International Workshop



on 'Text and Music Digitization' organized by Rabindra Mahavidyalaya on 14-20 July. All the professors of the department participated in the Two-day Webinar on 'Pandemics and Natural Disasters: Understanding and Coping' on 11-12 July, and another Two-day National Webinar on NAAC Assessment and Accreditation Process on 30-31 July organized by St. Xavier's College (Autonomous), Kolkata.

The entire lockdown period opened many paths of blended teaching-learning method. This situational training helped us to organize a One Day-Webinar on 13th November 2020, named after the first female faculty member in this college, Late Prof. Moitrayee Sarkar. The Memorial Lecture was organized in collaboration





with the IQAC and Academic Council of the College. The webinar was streamed live successfully on YouTube. Our eminent speakers were Principal Dr. Dominic Savio, S.J., Dr. Pabitra Sarkar, Dr. Aparna Roy, Mr. Anindya Chattopadhyay and Dr. Maroona Murmu. The sessions were mesmerizing with professional hosting of our departmental faculty members. We hope to carry on our teaching-learningevaluation process with diligence in this 'new' normal phase.



Department of B.A. General

The courses offered to the students of BA General over the years have prepared them and have given them a competitive edge provided the wide array of subjects they learn in the three years of the course. The students are now working in different sectors ranging from hospitality, administration, airlines, schools, sports to name a few. Like every year, this year also the students of the department have made us proud through their achievements. Damian Don Williams, a student of Semester VI has established himself in the literary world as a promising young author with his books Life with Figg (2019) and A Legacy of Old (2020) published in an anthology called

Belligerence and For the Love of Dogs (2020) and an anthology called Tea time stories respectively. Tausif Iqbal, third year student participated in the annual NCC Republic Day Camp held in New Delhi in January 2020. Sheikh Faizan participated in the State Hockey Championship 2019. Pagati Prasad, a student of second year represented India as a youth ambassador at Youth Exchange Program, 2019. She also received the Governor's Medal for outstanding performance in NCC. Jyoti Marandi was the First Runner up in the 8th Bihar State Basketball championship. The Department is extremely proud of its students.



Department of Journalism

Media is considered as the fourth estate and one of the most important pillars of democracy. It is often said, to understand a nation's development, it is important to understand its media. The Department of Journalism, St. Xavier's College (Autonomous), Kolkata thus not only imparts theoretical knowledge to the students but tries to inculcate a sense of journalistic responsibility in them, preparing them for being an integral part in the nation's development in the near future.

The course of Journalism is sought by students from a number of departments in the college from the faculty of Arts and Science. It has been found that students' involvement and participation is high and increasing too. Journalism is offered as a generic elective paper, where students from other disciplines viz. the department of Mass Communication and Videography, English, Sociology, Political Science and Bengali opt for as their preferred Generic Elective.

The course offers knowledge on Print, Radio, TV journalism and New Media as well as theoretical approaches to Journalism and Mass Communication studies. The course is designed in such a way that students are not only equipped with professional knowledge but are also inspired to pursue higher studies.

With the migration into the online platform due to the Covid-19 pandemic, the course is being treated with a whole new holistic approach. Students are being engaged into academic discussions oriented on theoretical and practical aspects. The projects that they are undertaking are being highly research oriented. As for the practical section of the syllabus, students are being engaged in developing their news writing skills more than before.

Ex-students are working in a number of regional and national media houses. The interest of the students towards journalism is ever increasing They are also getting placed in newspaper and television channels as well as in many digital platforms which cover news, entertainment, sports, etc from across the world. Many students are pursuing higher studies in the same field in various Universities and Institutes in India as well as abroad.

Department of Film Studies

The Department of Film Studies, St. Xavier's College (Autonomous), Kolkata offers generic elective course (in the new CBCS structure) which was earlier known as ancillary papers on the history and practice of world cinema. We, at the Department have dedicated ourselves to viewing, analyzing, and commenting on world cinema as an expression of world culture. The Department takes the responsibility of educating the students about the audio-visual culture. dominant in the world today. The course is a fine balance between history and theory of world cinema and filmmaking practices. Various students from different departments take up this course thus making the student population more versatile in nature. The Department extensively uses modern teaching methods in practice other than the traditional lecture method which includes filming exercises, group discussions, and presentations. Over the years it has been heartening to observe that as far as placements are concerned, scores of our students have joined different production houses, print media offices, or have undertaken freelance activities as film critics, researchers, etc. Some of the students have gone into academia, completing their MA and subsequently PhD work or have joined technical institutes like the FTII, SRFTI, etc.

The Department also regularly organizes seminars and workshops in collaboration with the Mass Communication and Videography Department of the St. Xavier's College. The Department whole-heartedly encourages its students to take part in other National film competitions as well. The various prizes they have won in such competitions are too numerous to be recounted here. The Department also houses a film library with viewing facilities for students to watch films either individually or in groups. The library procures films on a regular basis. The new CBCS curriculum widens the scope for the Department as we are offering the course as a skill-based paper to the BA General students of the college. The course is offered for two semesters where the students are introduced to the chronology of film history and film movements.



Department of Hindi

The Department of Hindi at St. Xavier's College (Autonomous), Kolkata is one of the oldest departments in college. Hindi is being taught as a part of the B.A, B.Sc, B.Com, B.Ed Programme curriculum and as a subsidiary subject for various disciplines.

The specialised course offered by the Department includes Classic and Contemporary Hindi literature, creative writing, media, book reviewing, film appreciation and translation. Students with a keen interest in the language and the astuteness to explore various aspects of the Indian social tapestry and history through language and literature can benefit tremendously from such courses. Overall, the subject of Hindi connects students to a glorious past, explores the creative genius of many writers, fuels the power of the imagination and sensitises them towards many issues existing in the contemporary world. The department has continued the teaching-learning process in the online mode successfully, despite, the gave challenges posed by the pandemic.

Department of Multimedia and Animation

Department of Multimedia and Animation conducts a course which revolves around art, graphic designing, communication designing, film making and all the aspects of film making Additionally, we have classes on Animation where we give an equal weightage on theory and practice.

Despite the pandemic having created hurdles in conducting regular classes, our students were able to complete their course successfully. We are very happy our second batch of students, 35 of them, successfully completed the 5-years integrated M.Sc. Multimedia with specialisation in Animation. Even before the campus drive, they were able to get placement. All students are placed well. To name a few: Shagnik Bose, Trishita Mitra, Mousumi Roy are with PWC SDC, Adreeta Chakraborty is with MASTREE, Mouli Saha is with BRANDBAJADE, Rajarshi Chanda is with LIDO LEARNING, Reik Chakraborty, Sayak Bandyopadhyay, Ankush Chakraborty, Harish Sekhar have founded SENS VISUALS, Debjit Bhattacharyya is with APPLIED RESEARCH WORKS, Pinaki Dutta is with HASH TECHNOLOGIES, Mohammed Murtuza is with DELOITTE USI, Brishti Pramanik is with GRAPEVINE MEDIA, Arkaprava Halder is with DESTINFLY Pvt Ltd, Yash Kirti Gandhi is with RAPIDO, Nafisa Yasmeen is with QUITE EASILY DONE, Supradipta Ghosal is with ADDON ADVERTISING, Sohini Mukherjee is with TOAST MEDIA, Eishita Chhetri is Freelancing with TATTLE U.S.A and the other students have set out on their entrepreneurial endeavours.

The students who chose to graduate after their 3rd year were placed well too. Some are studying in SRFTI, Visva Bharati University, a few of them are in Bangalore and some are waiting to go to pursue studies abroad after the pandemic whereas other are involved in freelancing.

Our present 3rd year students are the first batch who will continue to do the five years without an exit option. They will have to choose one of the three options given below for the last 2 years:

- Option A: Specialisation in Animation
- Option B: Specialisation in Design
- Option C: Specialisation in Film Studies & Production

On completion of these courses the students would get the M.Sc. degree with their specialisation mentioned on their certificate. Students will be offered their area of specialisation on the basis of their aptitude and the counselling session.

Srisha Chakraborti's short film is selected and nominated for an award in jellyFEST, California, USA, 2021. The venue locations and online screening information will be announced on February 15th by the jellyFEST team. We wish her all the best.

This year we have upgraded our studios with a Blackmagic Pocket Cinema Camera 6K with Rig Cage and with Samyang 16mm T2.6 and Samyang 50mm T1.5 VDSLR-ED AS UMC. We have also added Blackmagic design Video Assist 7" 3G and for colour correction we have added DaVinci Resolve Micro Panel. We have also bought Davinci Resolve 17 Studio for video, audio and colour correction. These additions will provide ample opportunity for student to express their creativity when they are back on the campus.



Department of Biotechnology

The Post Graduate Department of Biotechnology, since its inception, emphasizes on both teaching and research with the faculty members striving to strike a perfect balance between academics, research and teaching.

The Department organized a National Seminar, Frontiers in Biotechnology, Chapter IV on 5th November, 2019 with the focal theme "Signalling In The Biological World". The seminar was inaugurated by Rev. Dr. Dominic Savio, S.J., Principal, St. Xavier's College (Autonomous), Kolkata, Prof. Basab Chaudhuri, Vice-Chancellor, West Bengal State University, the chief guest and Prof. Ashis K. Mukherjee, Dept. of Molecular Biology & Biotechnology, Tezpur University, the plenary speaker. The 10th edition of the departmental magazine, Chiasma was alsoreleased on this occasion.

Other eminent invited speakers were Dr. Susanta Roychoudhury (Saroj Gupta Cancer Centre and Research Institute, Kolkata) and Dr. Indranil Mallick (Tata Medical Center, Kolkata). The seminar included a poster session where faculties, research scholars and students presented posters based on their original research work. A number of events for undergraduate and postgraduate students - quiz, debate, non-conventional painting, essay writing and photography–were included for the first time. Several universities, colleges and research institutes participated in the seminar.

PERFORMANCE AND ACHIEVEMENTS OF STUDENTS

Our students are extremely committed, intelligent and dynamic. Not only are they excellent in academics, they are at the forefront in extracurricular activities as well, representing the college in the field of sports and performing arts. Every year, many students qualify national level competitive examinations including CSIR-UGC National Eligibility Test (NET) and GATE.

Batch : 2015-20

Competitive Examination	No. of Students Qualified (Note: many students qualified for multiple examinations)
CSIR-UGC-NET JRF	14
LS-NET	1
GATE (Life Science)	3
GATE (Biotechnology)	11
DBT-BET	3

Around 12 students from the batch of 2015-2020 are pursuing their research in elite institutes including IISER (Kolkata & Bhopal), IIT (Kanpur), Indian Institute of Science (Bangalore), Indian Association for the Cultivation of Science (Kolkata), Tata Translational Cancer Research Center (Kolkata) and St. Xavier's College (Autonomous), Kolkata.

Our students also attend and present papers at seminars and workshops at various institutes both in Kolkata and in other parts of India.

RESEARCH ACTIVITIES

Research Projects

Name of Faculty	Granting Agency
Dr. Chandana Barat	SERB, Govt. of India
Dr. Sudipa Saha	West Bengal Department of Higher Education, Science & Technology and Biotechnology
Dr. Aryadeep Roy Choudhury	 SERB, Govt. of India Department of Science & Technology and Biotechnology, Government of West Bengal
Dr. Ronita Nag Chaudhuri	SERB, Govt. of India

RESEARCH SCHOLARS

Name of Faculty	No. of Research Scholars
Dr. Chandana Barat	2
Dr. Sudipa Saha	2
Dr. Aniruddha Banerji	2
Dr. Aryadeep Roy Choudhury	4
Dr. Ronita Nag Chaudhuri	4



PUBLICATIONS IN PEER REVIEWED JOURNALS

Name of Faculty	No. of Publications	Journals & Book Chapters
Dr. Chandana Barat	2	Journals (2): Nature Scientific Reports, The FEBS Journal
Dr. Aniruddha Banerji	5	Journals (1): Science and Culture Book Chapters (4): Current Strategies in Biotechnology and Bioresource Technology Vol. 2 (3 chapters), Recent Progress in Microbiology and Biotechnology Vol. 2 (1 chapter)
Dr. Aryadeep Roy Choudhury	49	Journals (18): Journal of Hazardous Materials, Environmental Pollution, Physiologia Plantarum, Ecotoxicology and Environmental Safety, Protoplasma, Environmental Science and Pollution Research, Plant Physiology and Biochemistry (2 articles), Plant Cell Reports, Journal of Biotechnology, Plant Biology, Journal of Plant Growth Regulation, 3 Biotech, Phyton, Biologia, Journal of Plant Biochemistry and Biotechnology, Vegetos, Science and Culture Book Chapters (31)
Dr. Ronita Nag Chaudhuri	3	Journals (3): BBA-Gene Regulatory Mechanisms, Epigenetics, Plant Signalling & Behaviour
Dr. Priyanka De	1	Book Chapters (1) : Geography in the 21st Century: Emerging Issues and the Way Forward
Dr. Souvik Roy	4	Journals (4): Journal of The Botanical Society of Bengal, International Journal of Biology, Pharmacy and Allied Sciences (2 articles) International Journal of Pharmaceutical Sciences and Research
Dr. Sayak Ganguli	10	Journals (7): Nature Scientific Reports (In Press), AIMS Molecular Science, Advances in Zoology and Botany, Journal of Tropical Life Science, Journal of Human Ecology, Collegium Antropologicum, Int. J. Res. Book Chapters (3): Plant Small RNA (1 chapter), Microbial Metatranscriptomics Belowground (2 chapters) (In Press)

College Journals: Dr. Aniruddha Banerji published an article in MAGIS – Xaverian Journal of Education (2020). Dr. Aryadeep Roy Choudhury published an article in Pebbles 2020. Dr. Priyanka De published articles in Xaverian 2020 and Pebbles 2020.

HONOURS / ACHIEVEMENTS OF FACULTIES

Dr. Aniruddha Banerji

1) Elected as a Member of Sectional Committee of the Section of New Biology of the Indian Science Congress for 2019-20 and for the forthcoming session (2020-21).

- 2) Invited lecture at 107th Indian Science Congress (Section: New Biology) organized by The Indian Science Congress Association at Bengaluru, Karnataka, Jan 3rd–7th, 2020.
- Invited lecture at International Conference on Chemistry for Human Development (ICCHD-2020) organized by Professor Asima Chatterjee Foundation, Kolkata, University of Calcutta and Heritage Institute of Technology at Kolkata, Jan 9th-11th, 2020.

Dr. Aryadeep Roy Choudhury

- Received the YOUNG SCIENTIST OF THE YEAR 2019 AWARD on 24th February, 2020, conferred by the International Foundation for Environment and Ecology, on the occasion of 6th International Conference on Environment and Ecology, hosted and organized by the Department of Botany and Center of Environmental Sciences, University of Allahabad, Prayagraj, Uttar Pradesh.
- 2) Received the OUTSTANDING PAPER AWARD (Dr. Aryadeep Roy Choudhury and his research group)for the paper titled "Exogenous spermidine ameliorates prolonged fluoride toxicity in rice by restricting xenobiotic uptake and refining the molecular defense physiology" at the 4th Regional Science and Technology Congress (Southern Region) jointly organized by Department of Science & Technology and Biotechnology, Government of West Bengal & Maulana Abul Kalam Azad University of Technology, West Bengal, on 24th December, 2019.

Dr. Priyanka De

- 1) Invited talk on "Bornomoy Vidyasagar" at Brihottoro Behala Boimela, Jan, 2020.
- Invited Lecture on "Lock down stress relievers a focus on emotional health" as part of International Webinar Series
 Genesis, Revelation in a Post-Apocalyptic World, 2020, hosted by Postgraduate Dept of Zoology, Asutosh College, Kolkata. (June, 2020).
- Invited Lecture on "Enigma of Pain: A Neurocognitive Perspective" as part of Alumni Scientific Interactives, hosted by Postgraduate Dept of Zoology, Vivekananda College, Kolkata. (August, 2020).
- Invited Lecture on "Insidious Depression: A Neurocognitive Perspective" hosted by Postgraduate Dept of Zoology, T.H.K. Jain College, Kolkata. (August, 2020).

 Poem 'Kabyik Bastob' published on July 26, 2020 in Daily e-paper (Daily Bahadur) from Bangladesh (International Literary Publication).

Dr. Souvik Roy

- Received the BEST PAPER AWARD [Oral presentation] in RESEARCH for the Original Research Paper "Pre-Treatment With Scopolamine Naturally Suppresses Japanese Encephalitis Viral Load In Embryonated Chick Through Modulation Of TLR & Type-I IFN Signaling Pathways" at Biospectrum 2020, an International Conference on Biotechnology and Biological Sciences, organized by the Dept. of Biotechnology, University of Engineering & Management (UEM), Kolkata in collaboration with SMART Society, USA, Indian Ecological Society and Microbiologists' Society India, 19th to 21st of November, 2020.
- Panelist in the promotion of a Bengali Film by Windows Production House (by Shiboprosad Mukhopadhyay and Nandita Roy), Kolkata, arranged by Bengali Literary Society (BLS), St. Xavier's College (Autonomous), Kolkata.

Dr. Sayak Ganguli

- Best Poster Award for the poster titled: "Rhizospheric Metagenome Dataset of the terrestrial mangrove Nypafruticans Wurmb from Indian Sunderbans" at the National Seminar on Water Conservation and Harvesting: Focusing Biodiversity Issues and Management held on 8th February 2020 at Jadavpur University, Kolkata.
- Invited Talk at DBT Sponsored Workshop on Bioinformatics and Therapeutic Interventions held at PG Department of Botany, Lady Brabourne College, Kolkata, 16.1.2020.
- Invited talk at "Insights into Biotechnology" organized by Department of Botany, Bangabasi College, Kolkata 11.7.2020[Webinar].
- Invited Talk organized by Department of Botany, Government General Degree College, Singur, Hooghly on 20.7.2020[Webinar].
- Invited Talk at "Current Insights on Global Pandemic" One Day International Webinar Organised by Department of Microbiology and IQAC Kulti College 16.7.2020[Webinar].





Department of Chemistry

- The Department of Chemistry had organized a 'National Seminar' entitled "Recent Advances in Chemical and Biological Science" (RACB-2019)on 23rd September, 2019. Among the distinguished speakers were Dr. Tushar Kanti Chakraborty (IISc, Bangalore), Dr. Sayan Bhattacharya (IISER, Kolkata), Dr. Gourab Gangopadhyay (Bose Institute), Dr. G Naresh Patwari (IIT Mumbai) and Dr. Balaram Mukhopadhyay (IISER, Kolkata)
- Department had organized an 'Interational Seminar' entitled "Recent Advances in Chemical and Biological Science-International Chapter" (RACB-2020) on 8th January, 2020. Among the speakers were Dr. Herman Sintim (Purdue University, USA), Dr. Prasanta Kumar Das (IACS, Kolkata), Dr. Pradip maity (NCL, Pune), Dr. Sanjib Ganguly (St. Xavier's College, Kolkata)

List of Publications in peer reviewed journals

1. Structure elucidation and construction of isomerisation pathways in small to moderate-sized (6–27) MgO nanoclusters: an adaptive mutation simulated annealing based analysis with quantum chemical calculations

Kuntal Ghosh, Rahul Sharma* and Pinaki Choudhury* Physical Chemistry Chemical Physics, 2020, 22, 9616-9629 (Impact Factor: 3.520) https://doi.org/10.1039/ C9CP06947J

 Coligand driven diverse organometallation in benzothiazolyl-hydrazone derivatized pyrene: ortho vs. peri C–Hactivation

S. Dinda, S. C. Patra, S Roy, S Halder, T.Weyhermüller, K Pramanik*, Sanjib Ganguly*New J. Chem. 2020, 44, 1407-1417 (Impact Factor: 3.288) https://doi.org/ 10.1039/C9NJ05088D

 Ruthenocycles of benzothiazolyl and pyridyl hydrazones with ancillary PAHs: Synthesis, structure, electrochemistry and antimicrobial activity

S. Dinda, T. Sultana, S. Sultana, S. C. Patra, ArupMitra, S Roy, K. Pramanik*, Sanjib Ganguly*New J. Chem. 2020, 44, 1102211034 (Impact Factor: 3.288)https://doi.org/10.1039/ D0NJ01447H

4. Rhodium assisted peri-C–H activation in benzothiazolylhydrazone derivatized pyrene

S. Dinda, S. C. Patra, T. Samanta, AmbikaBasu, K. Pramanik*, Sanjib Ganguly*Polyhedron 2020, 179, 114352 (Impact Factor: 2.270)https://doi.org/10.1016/j.poly.2020.114352

 Polyaromatic hydrocarbon derivatized azo-oximes of cobalt (III) for the ligand-redox controlled electrocatalytic oxygen reduction reaction

S. Dinda, S. Roy, S. C. Patra, S. Bhandary, K. Pramanik*, Sanjib Ganguly* New J. Chem. 2020, 44, 3737-3747(Impact Factor: 3.288)https://doi.org/10.1039/ C9NJ05527D

 Rational Approach Towards Designing Metallogels From a Urea Functionalized Pyridyl Dicarboxylate - Antiinflammatory, Anticancer and Drug Delivery. K. Sarkar and P. Dastidar, Chem. Asian J. 2019, 14, 194 – 204. (I. F. = 3.690)

Presentation in Workshop and Symposia

 Dr. Sanjib Ganguly acted as a resource person at the UGC-CPE funded State Level Workshop on "Analytical Techniques for Biological Research" on 06.02.2020 at the BRSN College





- 2. Dr. Sanjib Ganguly gave apresentation at the International Conference RACBC-2020 on 10.01.2020 at St. Xavier's College, Kolkata.
- Dr. Sanjib Gangulydelivered a lecture on "Intriguing Metal Mediated Organic Transformation" on 28.02.2020 at the Surendranath College, Kolkata.
- Dr. Sanjib Ganguly gave a presentation at the International Conference on Modern Trends in Inorganic Chemistry (MTIC)-2019 at IIT Guwahati, 11.12.2019.
- Dr. Sanjib Ganguly delivered a lecture on "Role of Periodic Table in Biological Research" organized by the Royal Society of Chemistry (Celebrating 150Years of Periodic Table) at the Birla Science Museum on 30.11.2019.

Department of Computer Science

The Department of Computer Science entered its Silver Jubilee Year in 2019. We are grateful to all the faculty members, staff and students of this Department who have been part of this memorable journey. This silver jubilee year proved to be a hallmark year in several aspects. The members of the Department, both faculty and staff came face to face with a never known adversary named COVID-19. We ended up putting a brave front that ensured that the motto of the college- Nihil Ultra could be fulfilled to the tee.

The Department organized a One Day National Seminar on "Data Science – The Key to future", in collaboration with The Data Science Foundation and Department of Statistics, St. Xavier's College on 22nd July 2019. Pro-Vice-Chancellor for Academic Affairs of University of Calcutta, Prof. Asis Kr Chattopadhyay was the Chief Guest and Dean of Faculty Councils for PG studies in Engineering and Technology, University of Calcutta, Prof. Amlan Chakraborty was the Guest of Honour. Mr. Kaustav Majumdar and Mr. Gautam Banerjee, from Data Science foundation were the first two speakers of the day. Prof. Sourabh Bhattacharya from Indian Statistical Institute and Mr. Sanjoy Karmakar from IBM were speakers for the third and fourth session respectively. More than 400 students from our college, along with teachers and professionals from other Colleges/Universities attended the seminar. A lecture on Network Security was delivered by renowned Professor, Dr. Subhamoy Maitra of Indian Statistical Institute, on the 16th of August, 2019.

On 11th January, 2020 the founder and director of Innofied addressed the students of the Department with an Invited Talk. One of our ex-students, Mr. Pratyush Kumar Khan, presently working in Oracle Corp., interacted with the final year students and answered their queries on modern trends in Computer Science. The 5th edition of the annual departmental tech fest, eXabyte 2020 was held on the 19th and 20th of February. Dr. Kunal Sarkar, Senior Vice Chairman, Director and Head of Cardiac Surgery, Medica Super specialty Hospital, Kolkata was the guest of honour and the keynote speaker for the event. He delivered an enthralling speech on "Medicine and Technology - Consensus or Conflict". Dr. Santanu Mukherjee, the CEO of Dynavision Digitech Pvt. Ltd. conducted a session on "Future of Business Analytics and Key Role of ERP".

March 2020 brought with it a lockdown due to an ongoing pandemic from the dreaded COVID-19 virus. Thus, the Department and the college saw a paradigm shift in the mode of conduction of the classes, exams and other events. The Department wasted no time in adapting to the change and came up with the first invited web-talk on "Data Migration-Heads and Tails" as part of the web series, Trends and Techniques in Computer Science. The talk was delivered by Mr. Padmanava Ghosh Dastidar from Microsoft Corporation. A two-day International Workshop on High Performance Computing Application was organised in collaboration with Azerbaijan State Oil and Industry University, Baku on the 17th and 18th of November, 2020. The keynote address was delivered by Rev. Dr. Dominic Savio, S.J. Principal, SXC Kolkata and the welcome address was delivered by Dr. Rauf Aliyarov, Vice-Rector, ASOIU, Baku. The invited lectures for the workshop were delivered by Dr. Ayan Chandra, SXC Kolkata, Dr. Asoke Nath, SXC, Kolkata, Prof. Ehsan Mousavi Khaneghah, ASOIU, Baku and Prof. Araz Aliev, ASOIU, Baku.

Dr. Anal Acharya delivered an invited Talk in the webinar series "Impact of Digital Pedagogy in technical education in COVID and post COVID situations" organised by MAKAUT and RCCIIT. He was also a resource person for the inaugural session of "Synchronize 2020" organised by Kristi Jayanti College, Bangalore. Prof. Romit Beed delivered an online



special lecture on "Distributed Database Management System (DDBMS)" organized by the Department of Computer Science, Mrinalini Datta Mahavidyapith, on 07/09/2020.

Research did not take a back seat during the pandemic. There have been publications in reputed SCI and Scopus indexed journals of Springer, Elsevier etc. Dr. Anal Acharya published one article in a journal and 3 book chapters. Prof. Romit Beed published 4 articles in journals, 5 book chapters and presented 3 papers in conferences. Prof. Debabrata Datta published 4 articles in journals and 2 book chapters. Dr. Anal Acharya was involved in review of papers for a journal of IGI Global and Prof. Jayati Ghosh Dastidar peer reviewed papers for a Springer journal, Multimedia Systems as well as papers for the conference Computational Intelligence in Digital Pedagogy 2020.

Prof. Shalabh Agarwal underwent a Faculty Development Programme on Online Teaching Skills organized by Loyola Institute of Business Administration. Prof. Debabrata Datta attended 3 Faculty Development Programmes. Prof. Jayati Ghosh Dastidar attended a Short Term training Programme on Topics in Data Structures and Algorithms organized by NITTTR, Kolkata.

The fifth edition of eXabyte was held in February 2020 and included events such as tech-quizzes, coding competition, robotics etc. which brought forth the talent housed in our students as well as students from other colleges. During the year our students have participated in various NSS activities like Sishu Mela, NSS Puja Camp, Green and Clean Campus etc. The students organized the annual sports day of St. Xavier's Boarding School, Gurap as part of the social outreach initiative of the Department. Some of our students were also involved working with Old Age Homes as part of their Outreach endeavors.

Prof. Romit Beed, Prof. Sonali Sen and Prof. Jayati Ghosh Dastidar are involved in consultancy work. An Internationally reputed Law Publishing House have entered into an agreement with the Department to digitize their journals and other journals and automate their publication process. In addition, a reputed jewellery brand have expressed their eagerness to collaborate with our college to provide them consultancy services in the areas of Data Analytics, Demand Forecasting and Inventory Control. This inter-disciplinary consultancy work is expected to involve teachers across the Departments of Computer Science, Statistics, Economics and Management.

In these stressful times our members have actively worked in ensuring a smooth transition to the online mode of teachinglearning. We would like to specially acknowledge the contributions made by Prof. Romit Beed and Prof. Kaushik Goswami in making the transition to the virtual campus provided by Microsoft Teams. In addition, Prof. Sonali Sen, Prof. Debabrata Datta, Prof. Siladitya Mukherjee, Prof. Kaushik Goswami, Prof. Romit Beed and Prof. Jayati Ghosh Dastidar were actively involved in the organization of webinars arranged by IQAC and other departments of the college.

The students of our Department continued making us proud and brought accolades to the College. They represented the College in several National and International conferences. Over 30 research papers were published by our students in various National and International Journals. Quite a few papers were selected by publishers such as Springer, Sage Publication, IGI Global, IEEE and several other UGC recognized journals.

The placements have been exceptionally good in the present year. The final year students of our under-graduate and postgraduate courses have placed themselves well in several reputed multi-national companies while several others have qualified in competitive entrance examinations like GATE/NET and opted for higher studies and research. The department would like to acknowledge the contribution of all the faculty members and students. We pledge to provide our wholehearted support in St. Xavier's College's journey to achieve its motto of Nihil Ultra.



Department of Economics

The faculty members along with the students of the department form a very cohesive team.

INAUGURATION OF POST GRADUATE PROGRAMME (M.SC IN ECONOMICS)

The Department of Economics inaugurated the Post Graduate Programme (M. Sc) in Economics in October 2020. Continuing its rich legacy and a tradition of excellence, this achievement is a new feather in the cap for the Department. Under the inspirational guidance of Rev. Dr. Dominic Savio S.J., Principal, St. Xavier's College (Autonomous), Kolkata, our department continuously stives to achieve new heights. The Department is now training a group of bright students in its Post Graduate programme.

PERFORMANCE AND ACHIEVEMENTS OF STUDENTS

Our students are extremely committed, intelligent and dynamic which is revealed in their academic commitments along with their participation in extracurricular activities at both intra- and inter-collegiate levels. Several papers were presented by the students of the Department at seminars and were highly appreciated by eminent economists.

PLACEMENTS OF BATCH 2017-2020

The batch of 2017-2020 was successfully admitted in national institutes like Indian Institutes of Management, JNU, Indian Statistical Institutes and different universities. They also have got lucrative placements in reputed companies. Some of the pass out students are pursuing their Post Graduate studies in our department.

RESEARCH AND PUBLICATIONS OF FACULTY MEMBERS

PAPERS PUBLISHED

Dr. R. N. Nag

 Sayantan Bandhu Majumder & Ranjanendra Narayan Nag (2020): India Facing the Macroeconomic Policy Trade-off – is it Dilemma, Trilemma or Quadrilemma? Macroeconomics and Finance in Emerging Market Economies, DOI: 10.1080/17520843.2020.1786426

- SushobhanMahata, Rohan Kanti Khan, Ranjanendra Narayan Nag (2020): Economic Recession, Informal Sector and Skilled–Unskilled Wage Disparity in a Developing Economy: A Trade-Theoretical Analysis, https://doi.org/10.1177/0015732519894132
- Moumita Basu and Ranjanendra Narayan Nag (2019): Policy Shocks, Current Account and the Macroeconomy in a Developing Country: A Keynesian approach, Journal of Economic Studies, 2019, vol. 46, issue 3, 710-726

Dr. Pia Ghoshal

- P. Ghoshal, B. Goswami. Estimation of Production Efficiency for Wheat Producing States in India Using Stochastic Frontier Approach in Current Strategies in Economics and Management Vol. 4, Ed. Chun-ChienKuo, Pub. Book Publisher International (2020) Chapter 7, pp. 86-95. Print ISBN: 978-93-90206-13-1, eBook ISBN: 978-93-90206-14-85)
- A. Banerji, P. Ghoshal. Agricultural Production and Climate Change: The Scope for Innovation in the Post-COVID 19 Scenario in Current Strategies in Biotechnology and Bioresource Technology Vol. 2, Ed. Afroz Alam, Pub. Book Publisher International (2020) Chapter 15, pp. 169-176. Print ISBN: 978-93-89816-88-4, eBook ISBN: 978-93-89816-89-16)
- P. Ghoshal, B. Goswami. Evaluation of Production Efficiency of Rice Producing Indian States: Post Reforms Analysis Using Translog Production Function in Insights into Economics and Management Vol. 1, Ed. Fang Xiang, Pub. Book Publisher International (2020) Chapter 12, pp. 96-105. Print ISBN: 978-93-90149-73-5, eBook ISBN: 978-93-90149-32-2

INTERNATIONAL WEBINAR

On the 8th of October, the Department of Economics, St. Xavier's College along with the Yunus Centre, Bangladesh, organised an International Webinar, the first of its kind in the history of the college.



Organised to discuss the "Impact of the COVID-19 Pandemic: Lives, Livelihoods, Challenges", we were graced by the presence of two eminent scholars. Nobel Laureate (Peace, 2006), father of social business and microcredit and the founder of Grameen Bank, Professor Muhammad Yunus, who was joined by Professor Raghabendra Chattopadhyay, former professor of Public Policy and Management at the prestigious Indian Institute of Management in Calcutta. In true Economics fashion, both our speakers addressed varied contradicting ideas thereby creating great discourse amidst the audience of over 4.4 thousand viewers.

Our Keynote Speaker, Rev. Father Dominic Savio, S.J., Principal, St. Xavier's College (Autonomous), Kolkata, began the webinar by dissecting the impact of the pandemic on each sector and analysing whether we are on the right path to tackle it. As a health crisis, Father discussed how inherent inequalities were panning out to create differential exposure, vulnerability and consequences. Taking a humanitarian approach, Father stressed on the increase of the vulnerable population who were being forced further into poverty thereby creating even further inequalities.

Picking up on this strain, Professor Yunus spoke of the importance of declaring a coronavirus vaccine as a "global common good" to prevent the loss of countless lives. In this aspect, he further went on to discuss the possibility of





pharmaceutical companies manufacturing vaccines for making profits. Looking to the future, Professor Yunus, spoke of how the pandemic had exposed the weaknesses of the entire global system by comparing the global economic order to an engine that was "headed for death", thanks to rising global warming, inequitable distribution of wealth and Artificial Intelligence. He argued that the pandemic had given us the chance to think about whether we wanted to go back to a pre-COVID-19 world or whether it is possible for us to find a path to choose and follow alternative economic models.

Speaking of the Grameen Bank, which was created as a banking system based on trust and not collaterals, he discussed how it could be an alternative to the traditional banking system that only catered to the rich and ignored the poor.

Addressing the same issue, Professor Chattopadhyay argued in favour of the legitimate demand to put money in the hands of people who don't have it and spur demand which is instrumental in reviving the economy from the COVIDinduced slump. In his opinion, the right to life was fundamental and anything needed to sustain it was a constitutionally required duty of the State. Speaking of the vast income inequality present today, he argued on the importance of the revival of the MSME and the "so-called unorganised" sector for any economic revival, which would require increasing demand generation.

Webinar: Invited Lecture

The Post Graduate Department of Economics, St Xavier's College (Autonomous), Kolkata organized an invited lecture on 18/12/2020 by Prof. Sugata Marjit (First Distinguished Professor, Indian Institute of Foreign Trade; Project Director, Center for Training and Research in Public Finance and Policy, India: Editor In Chief. South Asian Journal of Macroeconomics and Public Finance (SAGE, India/UK); Member, State Public Policy and Planning Board; Former Vice Chancellor, Calcutta University; Former Chairman, West Bengal State Council of Higher Education; Former Director, Centre for Studies in Social Sciences, Calcutta, India). The theme for the webinar was "Trade and Development" and his topic of discussion was: A New Ricardian Model of Trade, Growth and Inequality. Rev. Father Dominic Savio, S.J., Principal, St. Xavier's College (Autonomous), Kolkata, began the webinar by delivering an enriching welcome address. We had an enlightening academic discourse which was research oriented and benefitted everyone present in the webinar.

ANNUAL EVENTS AT THE NATIONAL LEVEL

The Department of Economics, St Xavier's College (Autonomous), Kolkata organized the fourteenth edition of its Annual Economic Summit "Confluence" on 18th September, 2019. The theme for Confluence XIV, a National level Economics Summit, was 'India's Role in the G20: Challenges and Opportunities" Confluence XIV was graced by Shri Barun Kumar Ray (IAS) and Prof. Asis Banerjee (Ex-Vice Chancellor, University of Calcutta), who were the Chief Guest and Guest of Honour for the occasion. Rev. Dr. Dominic Savio S.J., Principal, St. Xavier's College (Autonomous), Kolkata, along with our Chief Guest and Guest of Honour inaugurated Confluence XIV and shared their insights regarding the theme of the event. The 19th edition of the departmental magazine, Eco Echoes was also launched during the programme.

The Panel Discussion witnessed the stalwarts of the economic circle of India exchanging their views on the topic "India's Role in the G20: Challenges and Opportunities" Moderated by Prof. Ajitava Roychowdhury., this discussion saw the participation of Prof. Sabyasachi Kar (Institute of Economic Growth, Delhi), Dr. Saibal Kar (Centre for Studies in Social Sciences, Kolkata) and Prof. Saumya Chakrabarti (Visva Bharati University, Shantiniketan). Their erudite insights immensely benefitted the audience. One of the most intellectually stimulating events of the summit was 'Exposition-Paper Presentation' where students made use of their analytical skills and theoretical knowledge to delve deep into the issues of contemporary relevance.

Other events included one flagship event – "Ground Zero" and a couple of online events like "Quizite and L' Essay' Faire". All these events were extremely challenging and saw participation from students in huge numbers. The summit also comprised of debate which sought to strengthen the spirit of inquiry and reason within the participants. A technical session chaired by Prof. Saumya Chakrabarti (Visva Bharati University, Shantiniketan) where faculty members and Ph. D scholars had a platform for presenting their research work was introduced for the second time in Confluence XIV. Confluence XIV saw the participation of colleges from across the country.

Department of Environmental Studies

DEPARTMENTAL ACTIVITIES

 The department organized International Conference on Commerce, Economics, Environment and Management (ICCEEM - 2019)with the theme "Transformation of the Global Economy" during 13th -14th of September, 2019. These two days saw two plenary sessions dedicated to discussions on several aspects of environment as well as paper presentations made by professors of various institutions and colleges and research scholars. The first plenary session was on environment and bio- diversity conservation and the key note speaker was Dr. Abhijit Mitra, Associate Professor and former Head, Dept. of Marine Science, University of Calcutta (INDIA). The second session was on pollution and its harmful impacts and the key note speaker was Dr. B. Sengupta, an Environmental Scientist who worked in Central Pollution Control Board (CPCB), Ministry of Environment and Forests, Govt. of India for more than 30 years in different capacity. The conference saw 18 papers being presented on various aspects of organic farming, sustainable





agriculture, man and environment consanguinity managing indigenous culture and livelihood, mangrove studies, development of food products from mangrove associated species, water quality management, environmental journalism, weather and other environmental economic problems and shocks, climate change, sustainable management of fly ash and other waste products.

- The department organized an International Symposium on Environment and Climate Crises on 20th December, 2019 (Friday)in collaboration with The Blue Patch and The Biome.It aims in creating awareness towards protection and enhancement of the environment wherein research and academia-industry projects shall be used as key instruments of development for improving the quality of life. Renowned speakers and environment enthusiasts from different parts of the globe had been invited for the symposium. Interactive panel discussion and poster presentation session were organized for students, research scholars and faculty members from different colleges and institutions.
- Department of Environmental Studies has taken the initiative to spread youth awareness and propagate positive climate actions by organizing the largest youth summit on climate change in eastern India. Departments of Environmental Studies and Education are jointly presented "The Kolkata Youth Summit on Climate Change- Kolkata City- Our Responsibility" on 27th& 28th January, 2020.The Conference included almost 3000 students from all across the city and students of 11th grade participated in the sessions filled with knowledge and expertise. This Summit introduced and propagated the innovative ways for proper climate actions.

PAPERS PRESENTED AND PUBLISHED

- Angela Perris, Anindita Bhattacharya, Monika Naskar, Tulika Biswas, Noyonika Mukherjee, Subhankhi Pal, Arup Kumar Mitra (2019) An Analytical Study of the Air Quality, Microbial Index And Metal-Microbial Interactions Using Leaf as an Assessment Tool. JETIR 6(3): 241-249. (ISSN-2349-5162). I.F.5.87.JETIR1903739
- Tamanna Sultana, Arup Kumar Mitra and Satadal Das (2019) A Preliminary Observation On An Explicit Antimicrobial Action of Mangrove Plants On Pseudomonas aeruginosa. Asian Jour. Pharma. And

Clinical Res. 12(5): 226-230. Online - 2455-3891, Print - 0974-2441.I.F 0.588

- Arpita Dutta, Sayani Kundu, Anjali Yadav, Arighnee Mitra, Aparajita Dutta, Arup Kumar Mitra (2019) Detection of coliforms from drinking water sources, their characterisation and checking their susceptibility against different common drinking water disinfectants. JETIR 6(4):494-507(ISSN-2349-5162). I.F.5.87.JETIR1903739
- Aishita Chakraborty, Debmalya Banerjee, Sameer, Anirban Chakrabarty Meghna Majumder, Sayan Dey, Arup Kumar Mitra (2019) Comparative efficacy between Branded and Generic antibiotics against common pathogenic bacteria. JETIR 6(6):219-221. (ISSN-2349-5162). I.F.5.87.JETIR1903739.
- S. Datta, G. Banerjee and A. K. Mitra (2019) Effect of Different Agricultural Waste Substrates on the Biological Efficiency and Therapeutic Value of Calocybe indica (P and C) International Journal of Pharmacy and Biological Sciences-IJPBSTM (2019) 9 (2): 1157-1168 Online ISSN: 2230-7605, Print ISSN: 2321-3272. [IC value : 4.72] [Doi No:10.21276/ijpbs.2019.9.2.139]
- Debapriya Roy, Srijan Bhattacharya, Antara Biswas, Arpan Banerjee, Shinjini Ghosh and Arup Kumar Mitra (2019) In vitro synergism between algae and bacteria isolated from bio-diversity hotspot for better environmental sustainability. Bioscience Discovery 10(3): 134-141. I. F. 0.09. (ISSN-2231-024X).
- Arup Kumar Mitra, Arpan Chatterjee Ujjyani Ghosh, Ishani Banerjee, Sreeja Saha, Monalisa Barman, Debjani Dutta (2018) On line 2019 Petroleum Biodegrading Property of Microbial Consortia from a Contaminated Site. In: Kumar V., Kumar M., Prasad R. (eds) Microbial Action on Hydrocarbons. Springer, Singapore DOI https://doi.org/10.1007/978-981-13-1840-5_24
- Sharadia Dey. "Atmospheric environment of an urban area in eastern India" in Young Scientists' Conference, India International Science Festival held at Kolkata 5-8 November, 2019. The Conference was organized jointly by ISRO, Vigyan Prasar, AICTE, DRDO, ICMR, Govt. of India, ICAR and CISR.

CONFERENCE PUBLICATION

Meghna Talukdar, Srijon Bhattacharya, Tannishtha Biswas, Sampurna Ghosh, Sharadia Dey and Arup Kumar Mitra. Effect



of Meteorological Parameters on Microbial in Urban Area. XXI National Conference on Aerobiology-2019 Impact, Assessment of Airborne Pollen and Spore, November 18–20, 2019, Organized by Department of Botany(UGC- DRS and DST-FIST sponsored), Visva-Bharati, Santiniketan–731235.

ACHIEVEMENTS

- Dr. Arup Kumar Mitra, elected as a Recorder of the section of Environmental Sciences for 2020-2021 and 2021-2022(108th and 109th sessions of the India Science Congress). Acted as a Joint Convenor in International symposium on Environment and Climate Crises (ISECC) in collaboration with Blue Patch and The Biome on 20th December, 2019.
- Dr. Arup Kumar Mitra was chosen as Course Coordinator of MOOC on Plant Groups and worked as a resource person of lecture series program for the UGC Educational channel made by the EMMRC, St. Xavier's College, (Autonomous), Kolkata.
- Dr. Arup Kumar Mitra acted as a resource person in a Lecture entitled "Potential use of solid waste in agriculture" at, St. Xavier's College, (Autonomous), Kolkata, Raghabpur Campus on 29th February,2020
- Dr. Arup Kumar Mitra delivered an invited talk in the webinars entitled Covid-19: Facts and Facets", conducted by IQAC, Sarat Centenary College on 26th June,2020, "Covid19 Pandemic: Mortality to Mitigation", conducted by Pingla Thana Mahavidyalaya, Maligram on 20th July,2020,

- Dr. Arup Kumar Mitra Impact of Covid19 on Education Sector, conducted by Netaji Nagar College for Women on 27th, July 2020, "MOOCOLLOQUIUM on challenges, prospects and development of MOOC", conducted by EMMRC on 26th and 27th September,2020, " Covid19 crisis", conducted by Ranchi University on 11th December,2020.
- Dr. Sharadia Dey successfully completed the course of ProAct Digital Teacher on online teaching skills, including digital technology skills, digital pedagogies and personal effectiveness for virtual classrooms during 15 June - 20 June 2020 from Loyola Institute of Business Administration (LIBA).
- Ms. Sanjana Ghosh organized two webinars entitled "Potential use of solid waste in agriculture" and "Revisiting Epidemics and pandemics in India" at, St. Xavier's College, (Autonomous), Kolkata, Raghabpur Campus on 29th February, 2020 and 30th July, 2020 respectively.
- Ms. Sanjana Ghosh acted as a resource person of lecture series program, on plant groups for the UGC Educational channel made by the EMMRC, St. Xavier's College, (Autonomous), Kolkata. Participated in the workshop "Phenomenon of Religion, St. Xavier's College, Bombay; from 7th July -31st July, 2020.
- **Ms. Sanjana Ghosh** qualified RET examination, conducted by St. Xavier's College (Autonomous) Kolkata, Department of Microbiology, 2020.

Department of Mass Communication and Videography

The Department of Mass Communication and Videography provides a balanced input of both theory and practical to the students. The Department boasts not only of academicians but also of faculty who have a vast professional experience.

The students who graduate from this course make the Department very proud in various fields. They enrol in reputed management schools, film schools and pursue higher studies from all over India and abroad. Reputed institutes like Film and television institute of India (FTII) Pune, Satyajit Ray Film and Television Institute (SRFTI), Xavier's Institute of Communication (XIC), Indian Institute of Mass Communication (IIMC), Asian College of Journalism (ACJ), Indian Institute of Journalism and New Media (IIJNM), St. Xavier's University and other media institutes in India and abroad, see a regular flow of students from this prestigious Department who go there for further specialization. Many



students also work with reputed film production houses and advertising agencies all over the country.

The CBCS curriculum has also expanded its reach by introducing Mass Communication as a Generic Elective paper, where students from other disciplines also join in. We are proud to accommodate this variety of students and offer a new perspective to them, by teaching the paper in two semesters.

The Department has state of the art equipment for the students to gain as much experience as possible before they go out into the competitive field. The students have direct access to the studio to hone their skills through the industry standard equipment.

The Department of Mass Communication and Videography organised an interactive session - RESONANCE, on 11th March, 2020 at the Rohinton Kapadia Hall, St. Xavier's College (Autonomous), Kolkata. Distinguished alumni members of the Department, who have carved a niche for themselves in their respective professions, graced the occasion to engage with the present batch of students and offer insights from their own journey. The idea was to inspire the present batch of students by successful ex-students. The event was graced by percussionist, music composer and member of the band Lakkhichhara, Gourab Chatterjee, cinematographer Modhura Palit, who is the first Indian to win the Pierre Angenieux Award at the prestigious Cannes Film Festival, Poulomi Saha, the Founder, Owner and Creative Head of Studio reads, internationally acclaimed filmmaker Tathagata Ghosh, and actress Roshni Bhattacharya, one of the very popular artists of Bengali television. Reflecting back upon their own journeys, the five speakers gave the present students a sense of direction as to what awaits them on crossing the thresholds of graduation.

Currently, classes are being held successfully through an online communication platform due to the COVID-19 pandemic which has affected teaching-learning systems throughout the world. The existing batches and the new batch of students who took admission in June are enthusiastically attending the classes and the faculty have efficaciously transitioned to teaching-learning in the online mode.

Department of Mathematics

The Mathematics Department of St. Xavier's College (Autonomous), Kolkata is one of the oldest departments of the college and is proud to be the inheritor of a glorious heritage.

DEPARTMENTAL ACTIVITIES

- Analytica is a two-day Mathematical fest graced by the presence of eminent Mathematicians from across the country enlightening undergraduate students with their lecturers on various topics. Students from various colleges and institutes participate in large numbers in various events such as paper presentations, quiz, treasure hunt, chess, cryptography, PUB-G, tri-wizard tournament, polemic etc. Since its commencement in 2008, professors and students have been actively involved in this Mathematical venture thereby preserving the legacy of endowing ambitious learners with the essence of Mathematics "the queen of all sciences".
- "Analytica, 2019" held on 19th and 20th of September was highlighted by lectures given by eminent academicians

and varied Mathematical events inclusive of paper presentations by students. The departmental magazine "Beacon" was also unveiled on this occasion and circulated amongst students as well as professors adding to the spirit of the subject and its revelations.

This year we had Professor Gadadhar Misra from Indian Institute of Science, Bangalore, an eminent Mathematician, as our Chief Guest. This apart, we also had amongst us Prof. Probal Chaudhuri, Prof. Swagato. K. Roy, Prof. Arnab Chakraborty from Indian Statistical Institute, Kolkata and Prof. Angsuman Das from Presidency University delivering lectures on different areas of Mathematics and enthralling an audience of around 300 that comprised of students, teachers of our college as well as other colleges and institutes across the city with the fascinating aspects of this subject. The paper presentations and the interactive sessions that took place during this period threw light upon the quest for exploring the mysteries and embracing the complexities of Mathematics.



SEMINARS/ CONFERENCES/WEBINARS

- The Department of Mathematics along with the Department of Physics organized a one-day international workshop on Coarse Geometry on 16th August, 2019 that was partially funded by DBT star college grant. Dr. Atish J.Mitra, from Mathematics Department of Montana Tech (University of Montana), USA delivered a talk on Coarse Geometry which is a way of exploring large-scale geometric structures of a space while ignoring small scale behavior.
- Dr. Rajat Subhra Hazra, the Shanti Swaroop Bhatnagar Awardee for Science and Technology, 2020 delivered a talk on "Sandpile, Odometers, Membrane and Random Forests" at a webinar organized by the Department of Mathematics on 17th October, 2020.

FATHER-GOREUX COLLOQUIUM

This year the Department initiated the lecture-series named after "Father Goreux", an eminent Mathematician and a great Mathematics teacher. The Father Goreux Memorial lecture was inaugurated by Rev. Dr. Dominic Savio, Principal, St. Xavier's College on 29th February, 2020. Dr. Shubhabrata Das from Presidency University was the guest of honour who delivered a lecture on the topic "Groups and Symmetries".

ACADEMIC ACHIEVEMENTS BY THE FACULTY MEMBERS

 Pabitra Debnath was awarded the PhD degree in Mathematics from the University of Burdwan on 25th August, 2020, the title of his thesis being "A Study on Operators and its invariant Points over Different Metric Spaces".

- Pabitra Debnath has published papers on the following areas: "On I and I^k convergence in n-normed linear spaces", "Some result on fixed point of expansive mapping over modular metric space"," Fixed point of mappings with contractive iterates in a modular metric space" to name a few in reputed international journals.
- Gaurab Tripathi has published papers on the following areas: "Ideals of the form-{1}(XY)" and "Primary decomposition and normality of certain determinantal ideals". Both the articles are published in reputed international journals.
- Sucharita Roy has published a paper on "Bayes meets Riemann- Bayesian Characterisation of Infinite series with application to Riemann Hypothesis" in the International Journal of Applied Mathematics and Statistics."Bayesian Characterisation of Random Infinite Series", "Function Optimization with Posterior Gaussian Derivative Process" and "Bayesian Characterizations of Properties of Stochastic Processes with Applications" are some other arXiv submissions.
- This apart several faculty members from our Department presented papers as well as participated in various national and international conferences, seminars, workshops and webinars.

STUDENT'S PERFORMANCE

Quite a few students of the department got admitted in various institutes/ universities to pursue M.Sc in Mathematics: ISI, Kolkata; IIT, Bombay; Presidency University; Jadavpur University; University of Calcutta; Ramakrishna Mission Vivekananda Educational and Research Institute (RKMVERI) to name a few.

Department of Microbiology

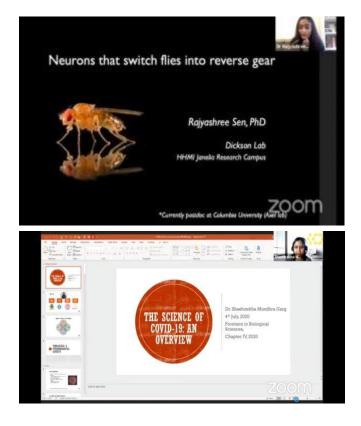
The Department of Microbiology, St. Xavier's College Kolkata, had begun its journey almost seventeen years ago. Since the very opening day, invincible enthusiasm, curiosity and an impregnable zeal to prosper have been the core qualities portrayed by the faculty as well as the students. The light of knowledge has never been blown out till date and this very trait has enabled our Department to gain a strong foothold in the areas of research in our college.

Some notable accomplishments by the Faculty members of our department

- Dr. Arup Kumar Mitra has received a major DBT project in collaboration with Dr. Satadal Das of Peerless Hospital.
- Dr. Arup Kumar Mitra, Prof. Debjani Dutta and Prof. Lopamudra Roy have published a comprehensive book on Microbiology named "Comprehensive Microbiology".



- Under the guidance of Dr. Kasturi Sarkar-Ritun Chakraborty had qualified the PhD Viva Voce-a final step to acquire PhD degree-First candidate from St. Xavier's College.
- Dr. Sudeshna Shyam Choudhury has published the book "Fundamentals of Biochemistry."
- Dr. Mahashweta Mitra Ghosh has received a major WB DST project.
- Along with six other professors of the department, Dr. Mitra is associated with a national level education programme titled "SWAYAM" which disseminates multionline open access courses (MOOC).
- The entire faculty is involved in various publications for refereed national and international journals.
- Dr. Madhumita Maitra, Dr. Mahashweta Mitra Ghosh, Dr. Kasturi Sarkar, Dr. Anindita Banerjee, Dr. Jaydip Ghosh and Dr. Arup Kumar Mitra have Ph.D. scholars working under their guidance.
- The Department is shortlisted for Skill Vigyan Programme undertaken by Indian Council for Life Science Sector Skill Development, sponsored by DBT, Ministry of Science and Technology for fifty students.
- The Department has received a Rs. 50 lakh project grants in 2020 from Department of Biotechnology, Government



of West Bengal, as a part of the BOOST (Biotechnology based Opportunities Offered to Science & Technology Departments) programme for augmenting teaching and research. Dr. Mitra is the project coordinator.

- The department of Microbiology (along with department of Biotechnology) of our college has received a Rs. 2.96 crore project grant in 2020 from Department of Biotechnology, Government of India, as a part of the BUILDER (Boost to University Interdisciplinary Life Science Departments for Education and Research) programme. Dr. Mitra is the coordinator of this interdisciplinary project.
- The Department has successfully organized two international webinars; Frontiers In Biological Sciences and Modern Trends In Microbiology. The seminars got huge views on YouTube and was attended by research scholars across the globe.

Notable achievements by Ph.D. research scholars

- Puja Agnihotri working under the guidance of Dr. Madhumita Maitra and Dr. Arup Kumar Mitra won the 'Outstanding Paper' Award in the 26thth West Bengal State Science and Technology Congress, 2019. The original research work was entitled as "Low cost arsenic mitigation strategy in paddy cultivation using plantmicrobe interaction."
- Debanjana Sengupta working under the guidance of Dr. Arup Kumar Mitra and Dr. Sudeshna
- Shyam Choudhury, reported a novel bacterial strain ExiguobacteriumindicumDSAM 62 and published a whole genome sequence in NCBI on July 2019. She also published a paper in the journal Advances in Zoology and Botany in July 2020.
- Saurav Sett has been awarded the PhD degree from University of Calcutta in August 2019. He had been working under the supervision of Dr. Arup Kumar Mitra at SXC.
- Suhana Datta won the Young Scientist Award at Indian Science Congress 2019, held at LPU, Jalandhar. She has also submitted her 5000 words PhD report under the supervision of Dr. Arup Kumar Mitra.
- Tamanna Sultana working under the guidance of Dr. Satadal Das and Dr. Arup Kumar Mitra, has published a paper in Asian Journal of Pharmaceutical and Clinical Research in 2019. She secured the 3rd position in oral



presentation in the seminar on 'Women in Science & Technology-Present Scenario' organised by Indian Association for the Cultivation of Science (IACS) and Kolkata Nivedita Shakti, on 8th March, 2020. She has published a research article in New Journal of Chemistry (Royal Society of Chemistry) in May 2020. In September 2020, she has published a research article in Asian Food Science Journal.

- Meesha Singh working under the supervision of Dr. Mahashweta Mitra Ghosh and Dr. Sayak Ganguli, has published a paper in the journal 'Data in Brief' (Elsevier Publishing House) on August 2019. She has also published a paper in Journal of Environment & Sociobiology in July, 2020.
- Bikram Dhara working under the supervision of Dr. Arup Kumar Mitra has published a book chapter in "Recent Trends in Plant Disease Management", Today and Tomorrow printer and publishers 2019. He also won 1st prize in national seminar orgnaised by T.M. Bhagalpur University, Bihar, in 2020, he has a book chapter published in the proceedings of Today and Tomorrow Printers and Publishers. His work has been published in Australasian Plant Pathology, Springer and a paper in Cell and Tissue Biology, Springer.
- Debapriya Maitra, working under the guidance of Dr. Sudeshna Shyam Choudhury and Dr. Arup Kumar Mitra has published a book chapter in "Precision Agriculture and Sustainable Crop Production", Today and Tomorrow printer and publishers 2019. She also won the Dr. Bilgrami Memorial best paper prize at T.M. Bhagalpur University, Bihar, in 2019.
- Meenakshi Mukhopadhyay, working under the supervision of Dr. Sudeshna Shyam Choudhury and Dr. Arup Kumar Mitra has published a book chapter in "Precision Agriculture and Sustainable Crop Production", Today and Tomorrow printer and publishers 2019.
- Ritun Chakraborty, working under the guidance of Dr. Kasturi Sarkar, has submitted her 5000 words PhD report. She has also been appointed as a Microbiologist at PG Hopsital (IPGMER),Kolkata on July 2019.
- Debapriya, Bikram, Bedaprana made around 300 litres of sanitiser for masses including college campus and for distribution in amphan effect areas of Kakdwip. They also trained farmers for sustainable agriculture and composting at Farmer's meet in Sultanganj, Bhagalpur.
- Debapriya, Bikram, Tamanna, Bedaprana trained college students on solid waste management, composting, mushroom cultivation, use of booster dosage for PGPR

improved, art from waste at St. Xavier's College Ragabhpur Campus.

 Debapriya, Bikram, Bedaprana, Suhana attended an industry academia meet on solid waste management, mushroom cultivation, art from waste, composting, at various places like Guru Nanak Institute of Technology, Techno India University.

Achievements by our students

- Srijan Bhattacharya secured 1st runners up position in the paper presentation in the 21st National Conference on Aerobiology hosted by Department of Botany, Visva-Bharati, Shantiniketan. (2019).
- Srijan Bhattacharya presented poster and secured 1st runners up position, in the one-day DBT-CTEP sponsored Science Popularization Program, hosted by Maulana Azad College, Kolkata (2020)
- Srijan Bhattacharya gave an oral presentation and won 1st prize in an UGC-STRIDE sponsored National Webinar on 'Biodiversity conservation – prospect and challenges', organized by K.L.E.s S. NIJALINGAPPA College, Bengaluru. (June 2020).
- Srijan Bhattacharya presented poster and won 1st Best Presentation award, in A one-day National Virtual Conference, on Current Global Pandemic and ongoing change, organized by Department of Botany, Shri Shikshayatan College and South Asian Institute for Advanced Research and Development (SAIARD) on 17th and 18th of July 2020.
- Souvik Banerjee was the semi-finalist of the MIT \$100K Entrepreneurship Competition 2020 organized by the Massachusetts Institute of Technology.
- Souvik Banerjee received the EMBL Advanced Training Centre Corporate Partnership Program Fellowship and presented a digital poster at EMBO Chemical Biology Workshop organized by the European Molecular Biology Laboratory (EMBL).
- Souvik Banerjee participated and presented a poster at COVID-19 Symposium organized by the American Society of Gene and Cell Therapy and he is also selected for an internship at Harvard Medical School.
- Jyotsna Pandey has got three publications:

Pandey, J., Chakraborty, S., Chakraborty, I., Ghosal, P., Singh, N., & Majumdar, S. (2020). Can Developing Countries Handle the Mental Burden due to the Lockdown



Situation: Understanding the Uncertainty and Management of Covid-19 pandemic. Asia Pacific Journal of Health Management, 15(3), 72.

Gao, Y., Shen, M., Gonzalez, J.C., Dong, Q., Kannan, S., Hoang, J.T., Eisinger, B.E., Pandey, J., Javadi, S., Chang, Q. and Wang, D., 2020. RGS6 Mediates Effects of Voluntary Running on Adult Hippocampal Neurogenesis. Cell reports, 32(5), p.107997.

Pandey, J., Chakraborty, I., and Mitra, A.K., 2020. Exercise Enhances the Grey Matter: An approach to Deal with Neurodegenerative Diseases. International Journal of Biotechnology and Biomedical Sciences, 6(1), pp.

- Rohini Bhattacharjya (MSc 2ndyear) secured 2nd position along with Srijan Bhattacharya (Msc 1st Year) and received cash award at DBT-CTEP sponsored Science Popularisation Program poster presentation competition held at Maulana Azad College, Kolkata on the 13th February, 2020.
- Rohini Bhattacharjya 3rd position for paper presentation of paper entitled "Study of Extremophilic Characteristics of Bacteria isolated from Yamunotri and their Importance in Industry" at the 2nd Global Summit on Education, India organised by GEIST in association with Adamas University, Kolkata on 7th December, 2019.
- MSc. Students: Sharan Sarawgi, Shrey Sarawgi, Jyoti Dubey, Shreyasi Pahari, Swarnali Basu, Anindita Thakur, Shreya Das and Soumali Sadhukan have been hired under Pharmaco vigilance process at Cognizant.
- Shweta Gupta, Satashree Paul and Sayani Basu have been hired under editorial process at Intelmetic.
- Cinderella Biswas has been hired as a microbiologist by Dr. Lal Path Labs.
- Mongistha Ghoshal has been hired at Aakash Educational Services Ltd. (Zoology).
- Sharan Sarawgi, Shrey Sarawgi, Shweta Gupta, Jyoti Dubey, Anish Chakraborty, Tamanna Sultana and Arup Kumar Mitra, published an original research article in Asian Food Science Journal in 2020.
- Sharan Sarawgi, Jyoti Dubey, Sahesta Ekram and Sumanta Pal, postgraduate 2nd year, qualified GATE 2020 examinations.
- Ankur Chattopadhyay, Saswata Ganguly, Liana Mukherjee, Somdutta Maitra and Pallab Ghosh are selected for the prestigious DST Inspire Scholarship.
- The entire first year, presently in second year, won the 2nd prize at the SN Bose Science Fair 2020.

- Saswata Ganguly along with Mallar Dasgupta, Pallab Ghosh, Niti Chowdhury and Shreejit Saha secured the 2nd position in Eureka, Sigma 2020.
- Ishan Bose, Ritushree Ganguly and Baivabi Bhattacharya bagged the 3rd prize in Eureka, Sigma 2020.
- Baivabi Bhattacharya and Adrija Banerjee won the JBNSTS scholarship.
- Suhana Sultana (BSc 3rd year) secured 3rd position in oral presentation in seminar on "Women in Science and Technology- Present Scenario" organised by IACS and Kolkata Nivedita Shakti.
- Abhishek Goswami and Shreya Chakraborty, secured AIR 2 and AIR 10 in IIT-JAM 2020 respectively, currently studying at IIT-Bombay.
- Our undergraduate students have made into many premium institutions across the country.
 - Ritabhas Das: Currently studying at TIFR-DBS, Bombay

Srijan Das: Studying at IISER Pune

Souradip Mukherjee: Studying at JNCASR, Bangalore

Roopali Khanna: Studying at IISER Mohali

Anish Pyne: Studying at IIT Kharagpur

Anjoom Nikhat: Studying at NCBS, Bangalore

- Suhana Sultana, Jyoti Dubey, Shweta Gupta, Ayoshi Paul, Payel Gupta published a paper titled Tropical Milky White Mushroom, Calocybeindica: An Effective Antimicrobial Agent Working in Synergism with Standard Antibiotics in International Journal of Medicinal Mushrooms under the guidance of Scholar Suhana Datta and mentor Dr. Arup Kumar Mitra.
- Som Banerjee, Sohitri Mukherjee, Shreya Baroi, Devlina Ganguly, Shreya Das, Atrin Mitra published a paper titled Formulation of a Novel Multidimensional Biopesticide for Increasing Plant Productivity and Reducing disease Susceptibility in a book titled: Recent Trends in Plany Disease Management under the Guidance of Scholar Bikram Dhara and Mentor Dr. Arup Kumar Mitra.
- Surmilita Biswas, Mongistha Ghoshal, Sayani Basu, Supriya Kumar Ghosh published a paper titled Improvement of Soybean Production in Low productive soil by the utilisation of native microbial flora under the guidance of Meenakshi Mukhopadhyay and mentors Dr. Arup Kumar Mitra and Dr. Sudeshna Shyam Chowdhury.
- Hridi Halder, Reetish Raj Sahoo, Shuvrangshu Guha, Sagnik Bhattacharjee, Dyutika Banerjee published a paper titled: "Identification and characterization of the



antimicrobial and active components of tea (Camellia sinensis) " In the IOSR Journal of Pharmacy and Biological Sciences.

- Anish Pyne, Abhishek Goswami, Anjoom Nikhat, Ananya Datta, Bodhiswatta Ghosh published a paper titled: "Effect of Different Sound Frequencies on the Growth and Antibiotic Susceptibility of Escherichia coli" in the International Journal of Current Microbiology and Applied Sciences (IJCMAS).
- Srijan Das, Tirthankar Saha, Saundarya Biswas published a paper titled "Study and characterization of Microenvironment of Prawn Culture Tanks and its

Importance in Productivity" in the book entitled "Current Status of Researches in Fish and Fisheries" by M/S Today & Tomorrow's Printers and Publisher.

- Anish Pyne, Aditi Das, Anwit Sadhukhan published a paper titled, "Mobility of Pathogenic Microbes from Mobile Phones to Human body and the Efficacy of using Commercial Disinfectant" in the Indian Patent Journal and has filed a patent for Humectant: A Hand and Surface Sanitiser yet to be accepted.
- Saundarya Biswas published a study titled "Study of ecological and epidemiological factors of dengue viral fever in districts of West Bengal in a tertiary care hospital" in the IOSR journal of dental and medical sciences.

Department of Physics

The Department of Physics has earned the rare fame of becoming one of the oldest and largest departments of St. Xavier's College (Autonomous), Kolkata. In the middle of the nineteenth century, its foundation was laid by a profound educationist and scientist Father Eugene Lafont who played a pioneering role in popularizing science in and around Kolkata. Remarkable academic contributions from some other Jesuit fathers like Fr. Verstraeten, Fr. Bonhome have enriched the department in numerous ways. Apart from the undergraduate courses (pass & honours), this department has been conducting a postgraduate course in physics since 2006. A Ph.D. programme, under the supervision of its faculty members, was initiated in the department from 2016. Since July 2018, this department has been running the B.Sc. course under the CBCS curriculum introduced by the UGC. A new

choice-based syllabus for the M.Sc. course will be introduced in 2021. The faculty members of the department are highly qualified, competent and very much committed to imparting education in the best possible way. All of them have been very actively involved in research in various branches of physics and inter-disciplinary fields. They have published research articles in various prestigious journals and they have been invited to deliver lectures on their fields of study in several academic institutions.

The special papers offered by the department for the M.Sc. course in Physics are: (1) Astro-particle Physics and (2) Solid State Electronics. This course includes the teaching of sophisticated computer programming and computer interfacing using the languages of Matlab and Python.



A part of the research in astrophysics is carried out in Father Eugene Lafont Observatory (FELO) which is a twin observatory consisting of a stellar observatory with a motorized dome and a separate sliding roof observatory meant for solar observations. A social outreach initiative, named 'Beyond the Stars', in collaboration with the Department of Social Work and NSS was organized on 14th March, 2020 by the Xaverian Astronomical Society. The department has a Solid-State Electronics Laboratory having many electronics based experimental units related to both analog



and digital communications, fiber optics and microcontrollers. Hall effect measurements and magneto-resistance setups are also included.

The Science Academies Lecture Workshop, jointly organized by The National Academy of Sciences, The Indian National Science Academy and the Indian Academy of Sciences are held in the Department of Physics on a regular basis.The department organizes Fr. Verstraeten Memorial lecture every year as well where scientists of international reputation are invited as speakers.

DEPARTMENTAL ACTIVITIES (SINCE JULY 2019)

- 7th Father Verstraeten Memorial Lecture was delivered by Prof. Raja Guha Thakurta, Chair and Professor / Astronomer, Department of Astronomy and Astrophysics UCO / Lick Observatory of California, Santa Cruz, USA on 30th August, 2019. The topic of his lecture was "Galaxies: Dark Matter, Cannibalism, Black Holes, Gravity Waves and the Periodic Table of Elements".
- 2. Golden Jubilee of SXC-70 Physics Batch celebration was held on 21st January, 2020.
- 3. Physics Colloquium Lectures are organized on a regular basis by the department. The following lectures have been delivered since July 2019:
 - Dr. Shibaji Banerjee, Dept. of Physics, St. Xavier's College (Autonomous), Kolkata delivered a talk on "Dark Matter May be Strange" on 19th July, 2019.

- b. Dr. Tapas K. Das, Harish-Chandra Research Institute, Allahabad delivered a talk on "Portrait of a dark face" on 9th August, 2019.
- c. Dr. Rituparno Goswami, Associate Professor, School of Mathematics Statistics and Computer Science, University of KwaZulu-Natal (Westville Campus), Durban 4000, delivered a talk on "Tweedledum and Tweedledee" on 17th January, 2020.
- d. Dr. Puragra Guha Thakurta, Professor, Department of Astronomy and Astrophysics UCO/Lick Observatory, University of California Santa Cruz, delivered a talk on "The Andromeda Galaxy: A Testbed for Studies of Dark Matter and Galaxy Interactions" on 22nd February, 2020.
- e. Dr. Oindrila Deb, Postdoctoral Researcher, Physics Department, University of Basel, Switzerland, delivered a talk on "The Birth of Topological Insulators" on 28th February, 2020.

WORKSHOPS AND FACULTY DEVELOPMENT PROGRAMMES:

 a) A one-day international workshop on coarse geometry was organized on 16th August, 2019 by the department of Physics in collaboration with Department of Mathematics of St. Xavier's College (Autonomous), Kolkata. The speaker was Dr. Atish J. Mitra of Department of Mathematics, Montana Tech (University of Montana), USA.





- b) A two-day DBT sponsored Faculty Development Programme was organized on 10th and 11th January, 2020 on Experimental Physics at Graduate Level: Scopes and Challenges.
- c) Dr. Ranjan Ray Commemoration Lecture was delivered by Dr. Ananda Dasgupta, Associate Professor, Department of Physical Sciences, IISER, Kolkata on 8th February 2020.

Father Principal named the Physics computer centre as 'Dr. Ranjan Ray lab for Computational Physics', as a mark of respect to a legendary professor of the department, Dr. Ranjan Ray, who passed away 20 years ago.

RESEARCH ACTIVITIES

 Samarjit Chakraborty and Sarbari Guha. Thermodynamics of FRW universe with Chaplygin gas models, General Relativity and Gravitation. Vol. 51, issue 11 (2019) pp. 158.

- Sarbari Guha and Samarjit Chakraborty. On the Gravitational Entropy of Accelerating Black Holes. International Journal of Modern Physics D, Vol. 29, No. 5 (2020).
- Atasi Chakraborty, Arup Chakraborty, Soma Ghosh and Indra Dasgupta. Theoretical Analysis of Pressure Induced Spin Crossover Phenomenon in a Dinuclear.Fe(II) MolecularComplex., (2020), J. Phys. Condensed Matter, 32, 165802.doi.org/ 10.1088/1361-648X/ab6044.
- Duyang Zang, Sujata Tarafdar, Yuri Yu. Tarasevich, Moutushi Dutta Choudhury, Tapati Dutta. Evaporation of a Droplet: From physics to applications. Physics Reports (2019), https://doi.org/10.1016/j.physrep. 2019.01.008.
- Ankita Ghosh, Sudeshna Sircar, Tajkera Khatun, Tapati Dutta, and Sujata Tarafdar. Tree-like Crack Patterns in Clay Dried in a Uniform DC Electric Field.Mater. Res. Express 6 (2019) 026305.
- Sanchayan Dutta, Sugata Sen, Tajkera Khatun, Tapati Dutta and Sujata Tarafdar. Euler Number and Percolation Threshold on a Square Lattice With Diagonal Connection Probability and Revisiting the Island-Mainland Transition. Front. Phys. 7:61., doi: 10.3389/fphy. 2019.00061 (2019).
- Archishna Bhattacharyya, Pratyusha Nandi, Somasri Hazra and Tapati Dutta. Memory of Rheological Stress in Polymers using Fractional Calculus. arXiv:2001.06620v1 [cond-mat.soft] 18 January2020.
- Madhurima Pandey, Debasish Majumdar, Ashadul Halder, Shibaji Banerjee. Mass and Life Time of Heavy Dark Matter Decaying into IceCubePeV Neutrinos. Phys. Lett. B, 797, 134910 (DOI: 10.1016/j.physletb.2019. 134910) arXiv:1905.08662 (21 May, 2019).



International Journal of Advanced and Innovative

dated 15.05.2019, No. 305795 for "Audio game Set for

the Visually Challenged" in collaboration with RKMVERI,

16. Dr. Subhankar Ghosh has obtained a Design Patent (GOI):

a) On 14th August 2020, Dr. Sayan Basu of University of

Pretoria and SARAO, South Africa, delivered an online talk

on the topic entitled "A Slice of Heavens – Rising Above the

Pandemic".It was followed by a students' presentation

Senior Professor at Theoretical Physics Division, Physical

Research Laboratory (PRL), India, delivered an online talk in the National Webinar organized by the department on

the topic entitled "Neutrinos:From Impossible Dreams to

b) On 30th September 2020, Dr. Srubabati Goswami, FNA,

Research, Vol 8, Issue 5, May 2019.

WEBINARS ORGANIZED BY THE

organized by Xaverian Astronomical Society.

DEPARTMENT OF PHYSICS

Belur Math.

Unreachable Stars".



- Ashadul Halder, Shibaji Banerjee, Madhurima Pandey, Debasish Majumdar. γ-Rays from Dark Matter Annihilation in Milky Way Satellite Galaxies: An Analysis with Particle Dark Matter Models for 45 Dwarf Spheroidals.arXiv:1910.02322 (5 October 2019).
- PabitraMandal, SankhaAditya and Subhankar Ghosh. Optimization of Rare Earth (Er3+) Doping Level in Lead Zinc Phosphate Glass Through Judd-Ofelt Analysis. Mater. Chem. Phys., 2020 (18th March).
- Pabitra Mandal, Swarup Chowdhury and Subhankar Ghosh. Spectroscopic characterization of Er3+ doped Lead Zinc Phosphate Glass via Judd-Ofelt analysis. Bull Mat Sc, 42 (2019) 99 (27th March) https://doi.org/ 10.1007/s12034-019-1806-4.
- Gayatri Banerjee, Souvik Das, Subhankar Ghosh. Optical Properties of Cu2ZnSnS4 (CZTS) Made By SILAR Method. AEM 2018, Materials Today: Proceedings 18 (2019) 494–500.
- Subhankar Ghosh. Scientific Activities of Fr. Alphonso De Penaranda: A Jesuit Priest in the late Nineteenth Century. Indian Journal of History of Science, 54.2 (2019) 215-217 DOI: 10.16943/ijhs/2019/v54i2/49664.
- Triloki Prasad, Subhankar Ghosh and Asis Goswami. Walking Pattern of Sighted Volunteers With Open Eye And Closed Eye Conditions. JODYS, July 2019.
- Triloki Prasad, Shaunak Guha, Koyena Bose, Subhankar Ghosh and Asis Goswami, Arduino based Randomized Audio Source Generator for testing Spatial Orientation Ability of Visually Impaired Persons,

Department of Statistics

DEPARTMENTAL ACTIVITIES (July 2019-December 2020)

National Seminar, 22nd July 2019

The Department, in collaboration with the Data Science Foundation and the Department of Computer Science, St. Xavier's College (Autonomous), Kolkata, organised a one-day National seminar on "Data Science- The Key to Future" on 22nd July 2019. Prof. Asis Kr. Chattopadhyay, Hon'ble ProVice-Chancellor for Academic Affairs of the University of Calcutta, was the Chief Guest and Prof. Amlan Chakraborty, Dean of Faculty Councils for PG studies in Engineering and Technology, University of Calcutta, was the Guest of Honour. Prof. Sourabh Bhattacharya of the ISI, Kolkata, Mr. Kaustav Majumdar and Mr. Gautam Banerjee of the Data Science Foundation, and Mr. Sanjoy Karmakar of IBM were the invited speakers. More than 400 students along with teachers and professionals attended the seminar.



National Seminar, 16-17th December 2019

The Department, in collaboration with IUCAA Centre for Astronomy Research and Development (ICARD), Kolkata and the Department of Physics, St. Xavier's College (Autonomous), Kolkata organised a two days National seminar on "Applications of Statistics in Natural Sciences" on December 16th and 17th. 2019. The Hon'ble Pro-Vice-Chancellor for Academic Affairs of the University of Calcutta, Prof. Asis Kr. Chattopadhyay was the Chief Guest. Oral and poster presentations showcasing research work of teachers and research scholars in different fields of natural sciences from various Universities and Institutes were made. The seminar also witnessed special lectures delivered by Prof. Ayanendranath Basu, Prof. Saurabh Ghosh and Prof. Supratik Pal of the ISI, Kolkata and Prof. Rajesh Kumble Nayak of IISER, Kolkata. More than 100 teachers and research scholars over the country attended the seminar.

Epsilon Delta, 2020

The Department conducted the 2020 version of its Annual program "Epsilon Delta" on March 14th, 2020. The program commenced with the launch of the 12th edition of the Departmental Magazine 'Prakarsho'. Scheduled through the day were a Chess competition event, a science quiz "Inquizzit", a theme quiz "Expellianswers", paper presentations by students "Proectura" and a cultural program by the students of the Department.

Panel Discussion, 14th March 2020

The Department organized its first Panel Discussion on March 14th, 2020. The panel comprised of Mr. Prithwis Mukerjee, Director, Praxis Business School; Prof. Subhadip Basu, Professor, Department of Computer Science and Engineering, Jadavpur University, Kolkata; Mr. Somnath De, Executive Director, KPMG, India and Mr. Angshuman Bhattacharya, Founder and CEO, Sibia Analytics. The question before the house was "Is Data Science and AI the Future of Statistics?". The session was attended by more than 230 students and professionals from different colleges and institutes.

International Webinar, 13th August, 2020

The Department organized an International Webinar, which streamed online on YouTube, on "Understanding Covid-19 Progression with Data Science" on 13th August, 2020. Professor Arni S.R. Srinivasa Rao, Medical College of Georgia, St. Augusta, USA and Professor Sourish Das from the Chennai Mathematical Institute, India were the speakers.

TEACHERS' ACHIEVEMENTS

Dr. Surabhi Dasgupta

Talk as Resource Person:

Was an invited resource person in a Webinar-cum-Workshop entitled "Machine Learning in Data Science" organised by the Department of Computer Applications, B.P. Poddar Institute of Management & Technology on 12th August 2020. The title of the talk was "Looking at Data: A Statistical overview".

Dr. Ayan Chandra

Publication:

 "Rhizospheric soil of Typha angustifolia L from heavy metal contaminated and free sites: Comparative profiling reveals selective abundance of γ-proteobacteria and βproteobacteria" (2019) - Indian Journal of Experimental Biology, Vol. 57, October 2019, pp. 733-740.

Talk as Resource Person

- Delivered lecture in workshop on NIRF, organized by Department of Higher Education, Government of West Bengal.
- Delivered lecture in the PhD Course Work organized by Department of Radio Physics, University of Calcutta.
- Delivered lecture in Two-Day International Workshop on High Performance Computing Application organized by Azerbaijan State Oil and Industry University, Baku and St. Xavier's College (Autonomous), Kolkata.

Seminar / Workshop Attended:

• Two-Day National Workshop on Accreditation Framework for Higher Education in India.

Dr. Surupa Chakraborty

Publications:

 Prediction of finite population proportion when responses are misclassified. Journal of Survey Statistics and methodology. 2020 DOI: 10.1093/jssam/smaa027 (with S Adhya and T Banerjee).



- Estimation of Poisson mean with under-reported counts: A double sampling approach. Australian and New Zealand Journal, 2020. DOI: 10.1111/anz.12308 (with D Sengupta and T Banerjee).
- Testing of Poisson mean with under-reported counts. Brazilian Journal of Probability and Statistics, 2020. DOI: 10.1214/20-BJPS493 (with D. Sengupta and T. Banerjee).
- Estimation of log-odds ratio from group testing data using Firth correction. Biometrical Journal, 2019, 61(3), 714-728 (with T Banerjee).

Dr. Durba Bhattacharya

Publications:

- A Hybrid Multi-Objective Tour Route Optimization Algorithm Based on Particle Swarm Optimization and Artificial Bee Colony Optimization. Computational Intelligence. January 2020 DOI: 10.1111/coin.12276 (with R Beed, A Roy and S Sarkar).
- Effects of Gene-Environment and Gene-Gene Interactions in Case-Control Studies: A Novel Bayesian Semiparametric Approach. Brazilian Journal of Probability and Statistics. February 2020. DOI: 10.1214/18-BJPS413 (with S Bhattacharya).
- Hierarchical Multi-Objective Route Optimization for Solving Carpooling Problem. In the book: Proceedings of the Global AI Congress 2019. April 2020. DOI: 10.1007/978-981-15-2188-1_30 (with R Beed, A Roy and S Sarkar).

Prof. Debjit Sengupta

Publications:

• Estimation of Poisson mean with under-reported counts: A double sampling approach. Australian and New Zealand Journal, 2020. DOI: 10.1111/anz.12308 (with T. Banerjee and S. Chakraborty). Testing of Poisson mean with under-reported counts. Brazilian Journal of Probability and Statistics, 2020. DOI: 10.1214/20-BJPS493 (with S. Chakraborty and T. Banerjee).

STUDENTS' ACHIEVEMENTS

Placement Details :

- Archik Guha and Ayushi Biyani were offered the post of Associate Analyst at Deloitte USI.
- Nandini Agrawal was offered the post of Tax Analyst at Ernst & Young Global Delivery Services.
- Sayak Giri was offered the post of Trainee Data Science Executive at Spring & River.
- Sutirna Chakraborty was offered the post of Associate Analyst at Swiss Re.

Post Graduate :

- 7 students qualified the ISI Entrance Exam for the MStat Course.
- 12 students qualified the JAM Entrance Exam for postgraduate programme under IITs.

Awards and Recognitions:

- Shibashish Mukherjee stood in the 2nd place in the All India Karate competition, held on July 12, 2019 in New Delhi.
- Srijan Sen, Soham Majumder, Supratim Pal, Ritoban Sen, Soham Biswas, Ishani Karmakar, Brishti Sarkar, Tishyo Chakraborty, Somjit Roy, Arpita Saha, Subharanjan Mondal, Aditya Paul Chaudhuri, Pallavi Chakravarty, Ramyani Dutta & Souhardya Mitra presented papers in the Indian Science Congress 2020.
- Utsyo Chakraborty was made an Associate of the Trinity College of London (in Piano Performance, with distinction).



Department of Education



Education has transformed its definition from rote learning to a wholesome experience that stimulates our psychological dimensions, taking us beyond classroom discourse. The Department of Education of St. Xavier's College (Autonomous), Kolkata, is no exception. A plethora of events across July 2019 to November 2020 has taken place in this institution of repute.

A culture-intensive Fresher's Welcome was held on 2nd July, 2019, in Depelchin Auditorium. The launch of the Vidyadeepam logo elevated the stature of the evening.

The Foundation Course was organized for the 2019-2021 batch from 8th to 12th July, 2019, headed by Fr. Arockiasamy M. S. Selvaraj who delivered moving lectures on Religion, which was followed by remarkable presentations by students. A similar Foundation course was held for Semester II from 11th to 12th March 2020. Sports Seminar (8th August 2019), Interdepartmental Sport's Quiz of August 2019, Sports Meet (23rd February-29th February 2020) and Annual Sports Day (1st February 2020), prove that.

The relevance of upholding values on equality, justice, peace, empowerment, has been carried forward by the department as well. Students contributed their share in events like State Women's Commission Seminar (9th August 2019), AYCM Seminar (16th August, 2019), Adivasi Diwas (22nd September 2019), NSS Golden Jubilee Celebrations (24th September 2019), Peace Education Seminar (25th to 26th

September 2019), We the Women at Loreto (30th September 2019), National Unity Day (31st October 2019), National Education Day (11th November 2019), Two Day National Women's Seminar (10th-11th January 2020), Inter-Departmental Women's Football Match (5th February 2020), Shishu Mela (16th February 2020), Bhasa Diwas (21st February, 2020), Workshop on the role of youth on building an egalitarian society (13th March 2020), KYSCC (27th and 28th January 2020 and NCC Independence Day Celebrations (15th August 2019).

As an institution upholding vital Jesuit values, students from the Department of Education have come forward to observe important days like Feast of St. Ignatius of Loyola (31st July 2019).

Respected Father Principal, Dominic Savio S.J. has been an influential figure behind the excellence adorning the institutional identity. His birthday was celebrated by the Department on 24th July 2019 informed by a gala cultural afternoon.

Sports are an inseparable component in today's educational framework. Events namely Inter-departmental Men's Football (14th July to 26th July 2019), Inter-departmental Badminton Tournament (29th and 30th July 2019),





Departmental Teacher's Day and Teacher's Day were celebrated on 4th and 5th September 2019 respectively in the Depelchin Auditorium, an initiative under the earnest guidance of the faculty. A variety of events like Spotlight 2019 (8th September 2019), Spell Bee for Xavotsav 2020 (23rd January) added glory to the departmental legacy.

The International Seminar on Climate Change (27th and 28th January) much needed in the present scenario was also organized. The National Seminar for Principals and



Administrators (8th February, 2020)has also beenan enriching experience. Students from the department contributed highly.

In these trying times of a global pandemic, the department made sure to rekindle hope through online events like Webinar on Call for Flexible Learning in post Covid 19 (17th May 2020), Webinar on battlefield to boardroom (8th July 2020), International Webinar in Covid 19 emerging cyber threats, psycho social dimension and the way forward for students (26th June 2020), Transformative Leadership (7th

> May, 2020), A report on 180 Degrees Consulting, International Webinar on Uncertainty and Fear of New Normal (28th July, 2020), Teacher's Day Online Celebrations, Education Day.

> The Department of Education has been paving the way for an integrated learning experience and holistic rejuvenation of the mind tirelessly.









Department of Bengali - Raghabpur Campus

DEPARTMENTAL ACTIVITIES

Department of Bengaliat the Raghabpur Campus has introduced a Postgraduate programme from July 2019. The first batch of students included applicants from various districts and Universities all over West Bengal. The programme has already received a greater enthusiasm from the applicants in 2020, despite the pandemic and lockdown. The department has also responded with enthusiasm to the technological challenges of running the graduate and postgraduate programmes, conducting examinations, facilitating admissions and so on, in an online mode. A number of seminars, workshops and special lectures were also organised during this period.

 Dr. Nirmalya Kr. Ghosh, Assistant Professor of Bangla at GMSM Mahavidyalaya, delivered a lecture on 'Idea of conjugality in the novels of Bankim Chandra Chattopadhyay' on 27 August 2019.



- A one-day seminar on 'Chaitanyite Culture and Medieval Bengali literature' was organised on 31 August 2019. Professor Aparna Roy, Professor of Bangla at Visva-Bharati and Dr. Rajat Sanyal, Associate Professor of Archaeology, University of Calcutta, delivered their lectures.
- Professor Mahidas Bhattacharya, Former Director, School of Language & Linguistics, Jadavpur University gave a seminar for the Postgraduate students on 21 September 2019.
- A special seminar on 'Bangla Chotogalpo: Adhunikatar Abhimukhe Jatra' was organised on 1 November 2019.
 Eminent author Sri Swapnamay Chakraborty and Professor Pinakesh Chandra Sarkar of Jadavpur University addressed the gathering.
- Postgraduate students attended a seminar and convention on 'Vidyasagar o Janashiksha', particularly focused on a recital of 'Muslim Meyeder Biyer Gan'

(Wedding songs of Muslim Women) by Ms. Rasena Bewa and her team from Murshidabad, organised by the School of Media Communication and Culture, Jadavpur University, in collaboration with Punarnaba, Kolkata, on 17 January 2020.

 Sahaj Path, the Bengali Literary Society, in collaboration with St. Xavier's College (Calcutta) Alumni Association, organised







Sanjog, to celebrate Bhasha divas. The postgraduate students also put together an exhibition commemorating the struggle for mother language and drawing attention to the perils of smaller linguistic communities in a globalised world.

 A lecture-demonstration on 'Goudiya Nrittya' by Dr. Mahua Mukhopadhyay, Pt. Amitava Mukhopadhyay, and their team of researchers from Rabindra Bharati University was organised on 22 February 2020.



কগা কণ্ড ভোচাব

কথা কণ্ড লোয়াম কাৰ্য্য

SUMPLIED LOUSER

 Professor Soumitra Basu, Eminent Playwright, Actor, and formerly Shishir Kr. Bhaduri

Professor of Drama at Rabindra Bharati University, engaged in a discussion session on the theatre of Sambhu Mitra and Manoj Mitra with the postgraduate students on 13 March 2020. His deliberations were enriched with the nuances of his association with the said authors and Bahurupi.

- The department participated and collaborated in organising the Second Maitreyi Sarkar Memorial Lecture (online) on 13 November 2020.
- Students and teachers of the departments, in association with the Alumni Association, engaged in a drive to cope with the aftermath of 'Amphan' during May-June 2020.

STUDENTS' ACHIEVEMENTS

- Sri Samaresh Bag, alumnus of 2014-17 batch has passed the NET (2020) and qualified for the National Research Fellowship from UGC.
- Postgraduate students of the department forayed into two different ventures of electronically publishing little magazines, named Samrag and Ungo-Nouka, respectively.

TEACHERS' CONTRIBUTIONS

• **Dr. Sudakshina Basu** delivered a series on lectures on Kabita Singha for the PG programme in Bengaliat Gurudas College, Kolkata.

- **Dr. Debashis Bhattacharyya**'s essay 'Goutam Basur Kabita' has been published in Ebang Mushayera, October 2020.
- **Dr. Rini Gangopadhyay** has published her first novel Coronar Dinguli o Prem from Shaptarshi Prakashan in September 2020.

- A short story 'Chi chikich' published on a webmagazine named 4no Platform on July,2020.

- A short story 'Helpline number' published on a webmagazine named Hizibizbiz on July, 2020.

- A memoire named 'Antatrjagicho' published on a webmagazine Guruchandali on July,2020.

- A short story 'Chayonika' published on a webmagazine named Montaz on October,

2020.

- A short story 'Bahugami' published on a webmagazine named Guruchandali on October, 2020.
- Participated in two live programs on social-media platforms held on 18 July, 2020, and 7 November, 2020
- **Dr. Madhumita Acharya** presented a paper entitled 'Dahan: Documenting Time' in a webinar on 'World Cinema: Literary Adaptation and Beyond' on 22 July 2020.
 - 'Arthanaitik swanirbharata o nari-pragati: Bangali mulyabodher paribartan, charti upanyaser aloke' has been published in Nari Pragati: Nana Bhavnay, Kolkata, 2019.
- Subrata Sinhavisited the Department of Cultural Studies, Tezpur University, as a Resource Person on Digital Culture and Archiving, under the aegis of UGC-CPEPA programme in February 2020.





- Presented a paper entitled 'Nandaner Bijuktikram: Unish Shatake Bangalir Lokasanskriti charchar Kichhu Prabanata, Kichhu Parinati' at the Department of Bengali, Jadavpur University on 27 February 2020.
- Participated in a discussion on 'Lokasangit: Shruti, Smrriti o Samrakshan' organised by Bhromora, Institute of Folk Culture at Chitrakoot Art Gallery on 8 March 2020.
- Delivered a lecture on 'Re-technologising sound in Digital Realm: Facing Dilemmas, Making Choices' in an online international workshop on 'Text and Music Digitization' organised by the Rabindra Mahavidyalay, Champadanga on 17 July 2020.
- Prof. Arundhati Das' essay, 'Dibe Se Khuli E Ghor Dhuli Abaran: Nibeditar Chokhe Swamiji' has been published in Purasree, Yr. 19, No. 21, January 2020 (RNI: WBBEN/2001/04446).
 - Provided editorial assistance for Amader Vidyasagar (Kolkata, 2019), Vidyasagar Bicentenary Commemoration Volume of the Dept. of Education, Govt. of West Bengal.

- Presented a paper titled 'Monobhashabijnaner Nirikhe Unish Shatoker Meyeder Primer' in an International Webinar on 'Unish Shataker Banglay Nari Shiksha o Pragati' organized by Berhampore Girls' College, on 28 July 2020.
- Prof. Saswati Roy participated in a five-day online FDP on Universal Human Values for Deeksharambh (Student Induction Program) organised by Department of Mechanical Engineering, National Institute of Technology Patna, 21 September-25 September 2020.
 - 'Nagendranath Basur Banger Jatiya Itihas: Kulajisastrevivaha-prasanga' has been published in Anustup, Vol. LIV, No. 3&4, 2020 (ISSN 0097-4269).
 - 'Unish Shataker banglebyanga patrika Basantak-e Kolkata pura rajneetir (1874-1875) prasanga', Journal of Humanities, Vol. VI, Lady Brabourne College, Kolkata, 2019 (ISSN 2394-045X).
 - 'Nagendranath Basur Banger Jatiya Itihasa: Deshiya itihas chinta o Eurokendrik itihas bodhsongkranto bitorko', Aitihya: The Heritage, Vol. XI, issue. 2, 2020, (ISSN 2229-5399).

Department of History - Raghabpur Campus

Departmental Activities (July 2019-December 2020)

- Ms. Arijita Manna, PhD Research Scholar, Department of History, Jadavpur University, gave a talk on 'Salt Smuggling in the Frontiers of the Early Company State in 18th Century Bengal' on 23.9.2019.
- Dr. Pradip Bhattacharjee, Professor, Department of Mathematics, Rabindra Bharati University gave a lecture on 'The History of Mathematics in Ancient India' on 7.1.2020.
- Dr. Srijani Bhattacharjee, Senior Research Fellow, Maulana Abul Kalam Azad Institute of Asian Studies, delivered a lecture on 'Beginning of British Forest Practices in India' on 13.1.2020.
- 4) Professor Sayantan Ghosh, Assistant Professor, Department of Sociology, Hiralal Mazumdar Memorial College for Women, Dakhineswar, delivered a lecture on 'Some Aspects of the Political Thought of Rabindranath Tagore' on 28.1.2020.







 Dr. Sabyasachi Chattopadhyay, Associate Professor, Department of History, Kalyani University, gave a talk on 'Mapping the Multifaceted World of Environmental History' on 3.2.2020.



6) Dr. Carmen Brandt, Assistant Professor, Department of South Asian Studies, University of Bonn, Germany, delivered a lecture on 'Bengali Script and its Socio-Cultural and Political Omnipotence' on 10.2.2020.

- 8) Department of History, Raghabpur Campus, in collaboration with Department of History, Rabindra Bharati University organized One Day National Level Webinar on 'Revisiting Epidemics and Pandemics in India: A Comparative Study Emphasizing the Outrages of Covid 19'on 30.7.2020.
- Department of History, Raghabpur Campus and Internal Quality Assurance Cell, St, Xavier's College (Autonomous), Kolkata in collaboration with Department of Ethnology,

History of Religions and Gender Studies, Stockholm University, Stockholm, Sweden, Bhaktivedanta Research Centre, Kolkata, Kolkata Society for Asian Studies and Sri Jagannath Research Centre, St. Paul's Cathedral Mission College, Kolkata organized a 5 Day Online International Faculty Development Program on 'Research Methods in Social Sciences with Focus on Cultural Studies' from 23.11.2020 to 27.11.2020.

ACHIEVEMENTS OF THE FACULTY MEMBERS

Prof. Debarati Ganguly has submitted her PhD Dissertation in 2020. Her article has beenpublished in an edited volume. She submitteda paper in the International Conference organized by Indian Association for Asian and Pacific Studies on 1st October, 2020. She attended an Online International 5 Day Faculty Development Program organized by History Department, St. Xavier's College, Raghabpur Campus and IQAC, St. Xavier's College (Autonomous), Kolkata and participated in fiveWebinars.



Prof. Arka Deb Banerjee moderated and hosted the National Level Webinar organized by History Department, St. Xavier's College, Raghabpur Campus and Department of History, RBU. He helped to conduct as well as attended a 5 Day Online International Faculty Development Program organized by History

7) Dr. Amit Dey, Professor, Department of History, University of Calcutta, delivered a lecture on 'Understanding Sufism in South Asia' on 15.2.2020.

Department, St. Xavier's College, Raghabpur Campus and IQAC, St. Xavier's College (Autonomous), Kolkata. Prof. Arka



Deb participated in a National Level Webinar organized by IQAC, St. Xavier's College (Autonomous), Kolkata on 11th and 12th July, 2020.

Prof. Arnab Bera attended the National Level Webinar organized by Department of History, St. Xavier's College, Raghabpur Campus on 30th July, 2020. He participated in an Online International 5 Day FDP organized by Department of History, St. Xavier's College, Raghabpur Campus and IQAC, St. Xavier's College (Autonomous), Kolkata.

Dr. Tinni Goswami had 1 international, 3 national level publications in this academic session. She contributed a chapter in an edited book by Dr. Aparajita Dhar and Dr.

Chittabrata Palit. Her article was published in 'Aviskar', a Xaverian Journal of Research in 2020. She was the Coordinator of a 3 Day International Webinar on 'Spiritual Well-Being and Stress Management: Religio-Psychological Perspectives', where she moderated two sessions (21st-23rd September, 2020). She was the Resource Person for the Online International FDP organized by Department of History, St. Xavier's College, Raghabpur Campus and IQAC, Xavier's College (Autonomous), Kolkata in collaboration with Stockholm University and others. She successfully conducted two Swayam MOOC Courses on the Mughal India and the Delhi Sultanate.

Department of Commerce - Raghabpur Campus

The Department of Commerce at St. Xavier's College (Raghabpur Campus) attempts to achieve excellence in teaching. The department always encourages the students to achieve their potentials and strive for excellence in every field.

With our committed faculties and support staff, the students are mentored to the maximum to improve their performance academically. Some of the activities of the Department are given below:

- The Department organized a guest lecture on Banking and Insurance on 29thof August, 2019 for the finance specialization students. The speaker for the event was Prof. Arup Choudhuri, Chairman and CEO of Acasia Global Consulting LLP.
- Students specializing in finance attendeda webinar on "Moratorium on Loan Repayment: Effects on Financial Institutions", dated 29/08/2020
- As a preparatory course, students attended a webinar on GST – One Nation and One Tax on 2nd September, 2020

organized by Eastern Regional Office of the Institute of Chartered Accountants of India.

 Prof Puja Bhowmik was invited to coordinate the webinar on "Resilient and Sustainable Development of Historic Precincts and Areas: Focus West Bengal" dated 3rd October, 2020 organized by ICOMOS India, Eastern Zone.





Department of B.A. (General) - Raghabpur Campus

The B.A General Department of Raghabpur Campus began its illustrious journey in the year 2014. The department has a student friendly interactive approach where every student gets an equal opportunity to develop their intellectual knowledge and to grow and learn beyond their syllabus.

The first batch of B.A. General Students completed their graduation in 2017. All the students of B.A. General (2014-2017) batch have cleared their semester examinations with flying colours and many are pursuing post-graduation in Political Science and Bengali. Some students went on to pursue B.ED. The second batch of the department comprising 21 students has also sailed through in June 2018. Today the combined strength of our department is 215. This number is growing day by day. To guide the students towards prosperity, the department has 10 ten dedicated faculty members at present.

The department is sensible towards the problems faced by the students coming from both English and Bengali medium background. Hence, classroom teaching and reading materials is provided in both the languages so that students from all backgrounds can have education here. The question papers are also set in a bilingual mode.

The department regularly conducts tutorial classes for students to help them perform well in their exams. Regular class tests, classroom seminars and presentation by students are conducted apart from Continuous Internal Assessments and End Semester examinations. These continuous evaluations help students to assess their limitations and gain confidence. Remedial classes are conducted for students having arrears in their previous semesters. These remedial classes fortuitously got reduced from 2017 onwards as the number of arrears also got reduced considerably. There is a growing tendency amongst students to continue with their studies after their graduation and an interest to appear for various national and state-level examinations. There has been reduction in student drop-outs as well.

BA DEPARTMENT UNDER CBCS CURRICULUM

St Xavier's College (Autonomous) Kolkata, Raghabpur Campus conducted admission to the new BA General course under the nomenclature of BA in the year 2018. The batch consisted of 52 students, admitted from both West Bengal as well as Delhi Boards. The present batch of this department consists of 74 students. The new curriculum has been constructed in such a way that the students are benefitted by it in the utmost manner. The Generic Electives and Skill based courses are formulated keeping in mind the requirement of the students. The strength of the department lies in its dedicated faculty, digital classrooms, scholarship for the poor and needy students along with mentorship and counselling for students. The growing activities of the department are providing ample opportunities to the students to take new initiatives, organize events, and become more responsible human beings.

The department has been religiously conducting online classes with the onset of the pandemic. Students have slowly but steadily adapted to the 'new normal' of online education. The College have been supporting the less fortunate students in their quest for education by arranging the facilities required for the online mode of learning. The department believes in and practises an interactive mode of imparting quality education in the students. The same is also followed in the online method and the response of the students has been more than satisfactory in terms of participation.

The curriculum is set in such a way that the students not only acquire static knowledge of the topics but also experience a kind of value added to their understandings. Question papers are set in a dynamic pattern.

A variety of courses has been undertaken for the betterment of our students which are as follows:

Communicative English Course- To help students make conversation, practice dialogues and give high quality

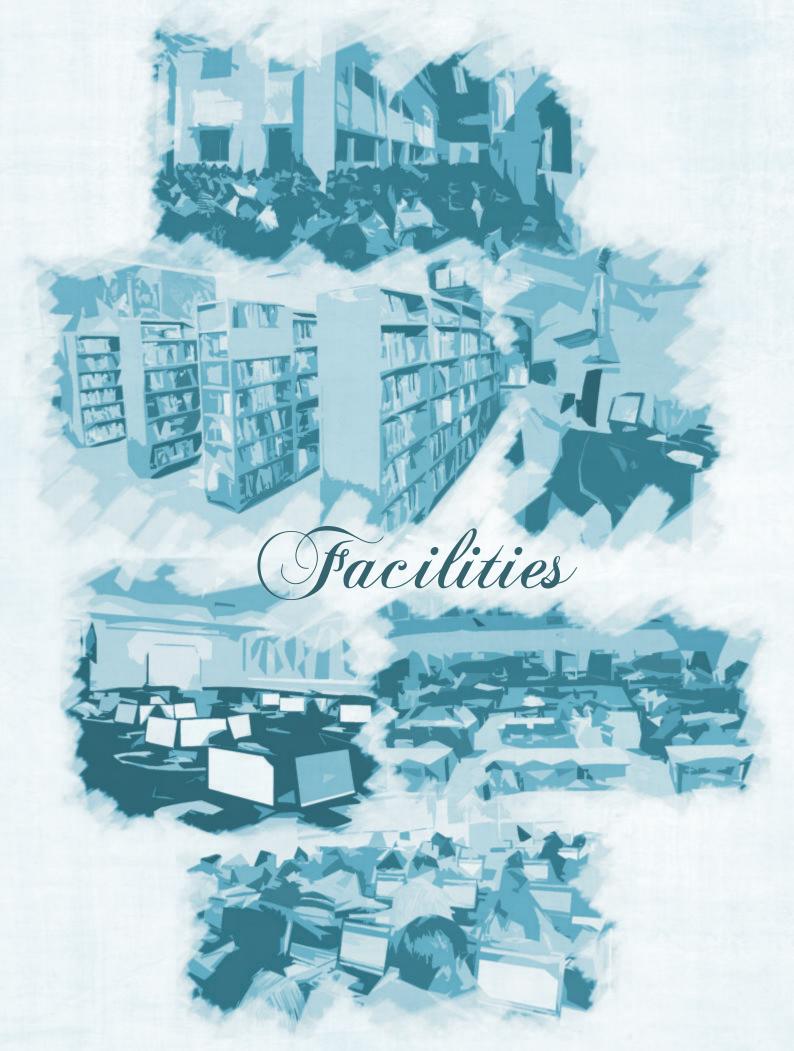


presentations. The campus has initiated a three-year certificate course in English Communication Language Skills from September 2018.

Human Rights Education and Awareness - To make aware about their basic rights, the students of the department has included Human Rights Education and awareness as a skillbased course. Course of Legal Awareness has been introduced to make the students aware of the basic legal issues and rights. This would come to be of immense help to the students coming from rural background, especially the women.

The BA General department had also conducted a seminar on Gender Equality in February 2019. The students of the department have not only achieved heights in the academic field but also have participated in cultural activities like Annual Sports, with an overwhelming enthusiasm. Some of them have excelled in many other events too.







Department of Career Oriented Programmes

It is our pleasure to introduce the Annual Report of the Department of Career Oriented Programmes to you. It includes some of the highlights and accomplishments of the past year and reflects the arduous work and dedication of the Department of Career Oriented Programmes (COP). The objective of the COP courses is to cater to the growing needs of the corporate sector for trained manpower and also to develop entrepreneurs. These courses offer a good blending of knowledge and skill for developing competencies. Our courses serve the industry not only by offering employable students, but also enabling them to reduce the cost and time for post-recruitment training, thereby optimizing their bench strength.

Our faculty primarily hails from the industrial sector and the course content is updated on the basis of the feedback received from academics and industries. The Department follows continuous evaluation with team case presentations, seminar, and internships to make the courses productive and to augment the practical knowledge of students to prepare them for the job market. The emphasis is to promote critical thinking, effective communication, independent research and teamwork among students so that they make informed judgments about crucial issues. The COVID-19 crisis has challenged us in many new and unexpected ways. We took radical measures and made major efforts to forge new paths in crisis management. This brought in both challenges and opportunities in relation to digitalisation and digitally enhanced learning and teaching, research, quality assurance, and stakeholder engagement. The Department successfully implemented online teaching and evaluation.

The Department plans to introduce more such courses in the near future in the areas of artificial intelligence and enterprise risk management, which will help students enhance their analytical skills, competence and operational efficiency for the challenges ahead.

We would like to place on record our sincere gratitude to Rev. Dr. Dominic Savio, S.J, Principal, for his constant support and encouragement. Due to his visionary leadership enabled by the efforts and continued loyalty and dedication of our faculty, support staff and students, this Department has been able to achieve its full potential.

Fr. Maliyekal Computer Centre and Central Computing Facilities

As true visionaries would, the Jesuit Fathers of St. Xavier's College proposed a computer training and computer awareness programme in the College in 1985. With the support of our generous alumni and other like-minded people, on the occasion of the 125th Anniversary of the College, St. Xavier's Computer Centre was inaugurated on 4th November, 1985. On March 1, 2015, the Computer Centre was reinstituted as "Computer Centre and Central Computing Facilities".

The importance of the Computer Centre cannot be overstated in the present context. In its existence of more than 35 years, it has continued to outgrow its





own role. It started as a centre for students of this College and later went on to embrace general students too through the various professional courses. Thirty-five years ago, it was probably one of the very few institutes for computer training in Kolkata. The Computer Centre has immensely contributed to the society by providing quality education to the students and professionals of this great city and neighbourhood. Courses based on the latest technology and industry demands are offered to fulfil the need for qualified and skilled professionals.



The department caters to the

students of the college in terms of conducting computer practical classes for various UG and PG courses. It has also contributed immensely to the development and implementation of various ICT and AV systems in the College. The various ICT related needs and the entire ICT infrastructure of the College are managed and maintained by the department under the guidance of ICT Resource Management Committee of the College.

In the year 2020, due to the pandemic of Covid-19, the College closed doors for the students to contain the spread of the virus. Hence, the entire admission process starting from application, selection, payment of fees to the final admission

Counselling Cell

The Counselling Cell has been an integral part of St. Xavier's College-Kolkata. It provides a safe holding space, to feel free and seek help and seek guidance. It helps people to develop better self awareness and understanding of themselves, their situations and the world around them. Confidentiality is an essential requirement and is strictly maintained.

The turn of this decade has introduced the world to COVID -19, that very soon achieved a pandemic status worldwide. The WHO(World Health Organisation), defines pandemic as "the worldwide spread of a new disease", but this pandemic brought along with it not just the spread of a virus, but a host of anxious feelings, uncertainty, melancholy and a crippling fear of what the future holds.

An online Class in progress

was handled online by the Computer Centre. At the same time, online classes were also organized for students so that they could continue their studies.

The courses offered by the Centre are:

- 1. Diploma in Multimedia and Animation
- 2. Certificate in Computer Applications
- 3. Certificate in Advanced Computer Programming
- 4. Weekend professional courses on latest trends and technologies
- 5. Certificate / Diploma in website development and internet programming.

The Counselling Cell has been there all along, for all the stakeholders of the college namely students, parents, faculty, and alumni to feel free and seek help in such unprecedented times, WFH (Work from home) and Online classes had become the new normal.

The college website had the details of the Counsellors available online, from the very beginning of the lockdown period. The college had announced on its website that the counselling sessions could be availed of online. Our respected Father Principal Rev. Dr. Dominic Savio S.J. has always given mental health a priority and the Counselling Cell has been active throughout.



Educational Multimedia Research Centre



Educational Multimedia Research Centre (EMRC), Kolkata, besides being the only multimedia centre of University Grants Commission hosted by an undergraduate college, is also acknowledged as a significant player in the evolution of India's 'knowledge Society' and a vibrant stakeholder of Online Education.

The Centre's core activity is the development of the educational knowledge resources for multiple digital platforms – video, multimedia and web-portals. Most of these are syllabus oriented, developed with the help of renowned faculties of reputed colleges and universities.

EMRC bridges the gap between eminent teacher/resource persons based in or visiting the city and students from all over the country by uploading lectures on demands through the SWAYAM platform (developed by MHRD). Students not only receive the lecture from their base locations but also have the option of interacting live with the experts.

MHRD has recently launched Massive Open Online Courses (MOOCs) through the SWAYAM platform. SWAYAM is the world's largest online free e-learning platform portal designed to achieve the three cardinal principles of the Education Policy viz., Access, Equity and Quality by covering school/vocational, under-graduate, post graduate, engineering and other professional courses.

Consortium of Educational Communication (CEC), New Delhi, has been designated as one of the core central institutes for development and delivery of MOOCs. Under the guidance of CEC, EMRC Kolkata has made several MOOC Courses since 2017 for the undergraduate level in compliance with CBCS Structure in a variety of subjects such as History, Political Science, Microbiology, Film Studies, Botany, Public Administration, TV and Radio Journalism to name a few.

During the COVID-19 pandemic, EMRC Kolkata initiated the 'Wisdom Online- A Digital Learning Experience Platform'. The main attraction of this e-learning corner was the Google Classroom that the centre had specially designed for the undergraduate and postgraduate students.

A two-day online academic seminar called 'Moocolloquium' was organized by the Centre on 22nd and 23rd September, 2020 on "The Prospects, Challenges and Development of MOOC", where faculties from all over the country participated. Among the reputed speakers of this online



seminar was the Joint Director of CEC, Mr. Nageswar Nath, the Academic Coordinator of CEC, Dr. Asmita Bakshi, and Dr. Arup Kumar Mitra, Professor of Microbiology, St. Xavier's College, Kolkata. Staff members from EMRC Kolkata also participated in a four-dayonline workshop on "Visual Design" organized by EMRC Pune to upgrade their skills in visual design.

EMRC Kolkata is in the process of building its studio. With the completion of the studio, EMRC Kolkata would realize its

dream of carrying out full HD production from its own studio. It is a matter of great pride that it would be the very first fullscale HD facility in the city.

With its high spirited, technically equipped and dedicated personnel, EMMRC Kolkata continues to march forward towards its mission of spreading wisdom far and wide through technology enabled education.

Xavier's Finance Community

Xavier's Finance Community is the nexus between the practical and academic side of the financial world. With copious resources provided by the administration, we aim to help the students in any way possible to gain insight and experience that ensures knowledge building in the field of finance and successful career ultimately. We want to establish a community of finance enthusiasts aiming to understand finance beyond the glossy heresy and promoting study to gain real time financial knowledge. XFC provides industrial exposure facilitating networking and employability through corporate training. It had its first learning session on the 17th of January, 2020. The focus was on understanding the scope



of the data analytics field and on gaining hands-on experience of handling large data sets.

Next we had a session on capital markets. On 20th February, 2020, a workshop on "Investment in Equity and Derivatives" was conducted. The students were given an introduction to the financial markets and how investors actually invest. Students were shown tools which investors use to study and analyze companies. The Data Analysis Bootcamp was held that spread across a week, enabled students to perform a wide variety of functions like data extraction, analyze data, summarizing and refining raw data. Some of our prominent speakers were Mr. Nikhil Kamath, who explained his unusual path to starting a brokerage with his brother and then an AMC and Mr. Saher bin Jung who spoke about his life journey, academic interest and real interest, Credit Trading, difference between Fundamental and technical analysis. XFC in collaboration with Finance Gym conducted a 'Mock Stock Simulation'. The 'Personal Finance Session' was also conducted. 60 students were selected for the event where they learned to manage portfolio.

We also conducted a workshop where key concepts covered were Calculation of Beta Values, Process of Absolute and Relative Valuation of Companies, Revenue Forecasting and Football Field Analysis. Our initiative Finsight, is a monthly interview series started on October through which the aim is to gain insights into the world of finance. It is a flagship venture of XFC where the members of the community







interview the top minds of our country. XFC Weekly Newsletter was also launched in October 2020 with an aim to bring Business, Financial & Economics news happening around the week in a concise manner with a dedicated section on the market highlights.

Xavier's Finance Community publishes weekly and monthly research articles. The articles are securing greater reach among people. Our efforts to make finance easily understandable will continue to strive as we march ahead.

Enactus

Enactus, St. Xavier's College (Autonomous), Kolkata conceptualized Project Shuddhi as an effort to alleviate the plight of communities deprived of clean and affordable water. By employing gravitational water filters that utilise low and efficient percolation techniques, potable water becomes available at a meagre rate of Rs. 0.085 per litre. Within a span of one year, Project Shuddhi has been instrumental in abating the predicament of 8060 people, thereby remedying the generic imbalance.

Committed to the dream of creating a better world by

fulfilling 5 Sustainable Development Goals, the pandemic has been no halt for Project Shuddhi.

On the 6th of November, 2020, Project Shuddhi, in association with Srijan Realty, distributed 150 water filters with the help of Gobardanga Sanskriti Kendra among underprivileged families in the Gobardanga, West Bengal.

With a perfect blend of altruism and science, Enactus SXC hopes to manifest the dream of providing universal access to potable water.





The Internal Quality Assurance Cell (IQAC)

The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the performance of the institution. The Internal Quality Assurance Cell (IQAC) has a significant and meaningful contribution in the functioning of the Institution.

FUNCTIONS OF IQAC

- Development and application of quality benchmarks / parameters for various academic and administrative activities of the institution;
- Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process;
- Arrangement for feedback response from students, parents and other stakeholders on quality-related institutional processes;
- Dissemination of information on various quality parameters of higher education;
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles;
- Documentation of the various programmes / activities leading to quality improvement;
- Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices;
- Development and maintenance of institutional database through MIS for the purpose of maintaining / enhancing the institutional quality;
- Development of Quality Culture in the institution;
- Preparation of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC, to be submitted to NAAC.

The IQAC has focused on the following areas for the holistic development of the College:

• Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.

- The relevance and quality of academic and research Programmes.
- Equitable access to and affordability of academic Programmes for various sections of society.
- Optimization and integration of modern methods of teaching and learning
- The credibility of evaluation procedures.
- Ensuring the adequacy, maintenance and functioning of the support structure and services.
- Research sharing and networking with other institutions in India and abroad.

Regular Activities of the IQAC include:

- Annual Quality Assurance Report (AQAR)
- 360 Degree Feedback
- Faculty Improvement Programmes
- All India Survey Of Higher Education -AISHE (DCF II & DCF IV)
- National Institutional Ranking Framework (NIRF)
- Participation In All India Association Of Christian Higher Education (AIACHE) Programmes
- Nodal Office For All Accreditation Process And Other Government Interfaces
- Nodal Office For All Scholarship Matters (National and State Government Sponsored)
- Participation In Swachhta Ranking
- Participation In Unnat Bharat Abhiyan

SOME OF THE MAJOR HIGHLIGHTS / ACHIEVEMENTS

INVOLVING THE IQAC DURING THE YEAR 2020:

 Our College has ranked 7th in the category of "Colleges" under the National Institutional Raking Framework (NIRF), 2020.The results are available at the NIRF website MHRD, National Institute Ranking Framework (NIRF) (nirfindia.org)



- 2. Under the UGC Scheme Paramarsh, St. Xavier's College (Autonomous) Kolkata, is presently the mentor to the following nine Colleges.
- i. The Heritage College.
- ii. Sibani Mandal Mahavidyalaya
- iii. Acharya Girish Chandra Bose College
- iv. St. Xavier's College, Burdwan
- v. Govt. Girls General Degree College, Ekbalpur
- vi. Kishore Bharti Bhagini Nivedita College (Co-Ed.)
- vii. Sister Nibedita Govt. General Degree College for Girls, Alipore, Kolkata.
- viii.Harimohan Ghose College
- ix. St. Xavier's College, Maharo, Dumka

The process of mentoring began from September, 2019 and is continuing.

Under the leadership of Rev. Dr. Dominic Savio, Principal St. Xavier's College (Autonomous), the nine mentee colleges were visited by groups of professors from the Paramarsh Standing Committee:

Dr. Ayan Chandra, Dr. Chandrani Biswas, Dr. Panchali Sen, Dr. Sumona Ghosh, Dr. Sukanya Sarkhel, Dr. Soheli Ghose, Dr. Arup Kumar Mitra, Dr. Amitava Roy, Dr. Samrat Roy, Mr. Prakash Singh and Dr. Partha Pratim Ghosh.

i. Visit to St. Xavier's College, Maharo, Dumka



ii. Visit to Government Girls General Degree College (GGGDC)- (Ekbalpur, Kolkata)



iii. Visit to The Heritage College (THC)



- Dr. Ayan Chandra, Member Secretary, Academic Council and Dr. Partha Pratim Ghosh Coordinator, Internal Quality Assurance Cell (IQAC) jointly visited Bishop Heber College, Trichy, to attend a Workshop on Basics of Accreditation organized by All India Association for Christian Higher Education (AIACHE) New Delhi and Bishop Heber College (Autonomous)
- 4. Dr. Ayan Chandra, Member Secretary, Academic Council and Dr. Partha Pratim Ghosh Coordinator, Internal Quality Assurance Cell (IQAC) attended a two-day National



Workshop on Revised Assessment and Accreditation Framework for Higher **Education Institutions** in India organized by Sophia Girls' College, Ajmer (Autonomous) in Collaboration with St. Aloysius' College, Jabalpur (Autonomous) Sponsored by united Board for Christian Higher Education in Asia on 28th and 29th February 2020.



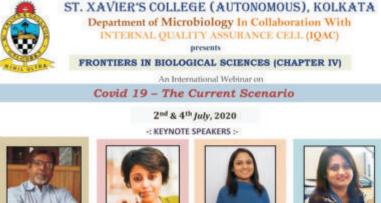


5. Collaboration with Department of Microbiology 2nd & 4th of July, 2020

Registration is free

E-Certificates will be provided to active

participants



 7. An International Webinar was held in collaboration with the Post-Graduate and Research Department of Commerce on 18th and 19th July, 2020, on
 KATA Managing Business in a Post COVID-19 World: Changes, Challenges and Strategies.

Welcome and Keynote Speech: Father Principal Rev. Dr. Dominic Savio, S. J.

Speakers: Dr Raj Agrawal: Director, All India Management Association, New Delhi.

Dr. Santus Kr. Deb: Director, Department of Tourism and Hospitality Management, Faculty of Business Studies, University of Dhaka, Bangladesh.

Dr. Monomita Nandy Brunel Business School Brunel University London

Dr. Anupam Ghosh Department of Management BIT, Mesra, Ranchi

6. A National Level Webinar was organized by the Internal Quality Assurance Cell (IQAC) and Academic Council on 11th & 12th of July, 2020

For queries

+91 79805 89947

+91 79800 14299



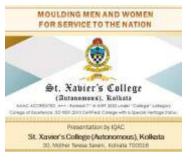


Vote of Thanks:Rev. Fr. Peter Arockiam, S. J., Vice Principal, Commerce (Evening)

8. A two-day National Webinar was conducted on 30th & 31st July, 2020, on NAAC ASSESSMENT AND ACCREDIATATION PROCESS under the UGC PARAMARSH Scheme, was organized jointly by the Internal Quality Assurance Cell and Academic Council, with special focus on Mentee Colleges. Total number of participants including mentee colleges exceeded 2145 with a few participants from neighboring countries



 Members of PARAMARSH STANDING COMMITTEE made an invited presentation on 17th August, 2020 at the NAAC-Organized National Webinar "MOULDING MEN AND WOMEN FOR SERVICE TO THE NATION", on the Best Practices Adopted by HEIs in the A++ Category of NAAC Accreditation.



Our team was led by Rev. Dr. Dominic Savio, S.J., Principal, St. Xavier's College (Autonomous) Kolkata and Accreditation A m b a s s a d o r, Paramarsh.

- 10. The IQAC collaborated with the Entrepreneurship Development Cell to participate in the national event of the Ministry of Education, Government of India, "ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS"
- 11. Collaboration with Bangla Department on 13th November, 2020
- 12. Collaboration with the Department Of Commerce On 21st October, 2020

An online Faculty Development Program of the Department Of Commerce was hosted in collaboration with Internal Quality Assurance Cell (IQAC) And Academic Council.



13. Collaboration with Department of Commerce

An online Faculty Development Program of the Department of Commerce was hosted on 21st November, 2020, in collaboration with Internal Quality Assurance Cell (IQAC) and Academic Council.







St. Xavier's College (Autonomous), Kolkata

AMO NACCACCREDITED A++: Ranked Thi IN NRF 2020 under Cellege Addregery College of Excellence, 1800 00012016 Certified. College with Second Heritage Statu DEPARTMENT OF HISTORY, RAGHABPUR CAMPUS AND

AND INTERNAL QUALITY ASSURANCE CELL , ST. XAVIER'S COLLEGE (AUTONOMOUS) KOLKATA

A FIVE - DAY ONLINE INTERNATIONAL FACULTY DEVELOPMENT PROGRAMME

RESEARCH METHODS IN SOCIAL SCIENCES WITH FOCUS ON CULTURAL STUDIES'

BHAKTIVEDANTA RESEARCH CENTRE, KOLKATA

SRI JAGANNATH RESEARCH CENTRE, ST. PAUL'S CATHEDRAL MISSION COLLEGE, KOLKATA

KOLKATA SOCIETY FOR ASIAN STUDIES

THE DEPARTMENT OF ETHNOLOGY, HISTORY OF RELIGIONS AND GENDER STUDIES, STOCKHOLM UNIVERSITY

latform : ZOOM

23rd November to 27th November, 2020, 5.00 PM - 8.00 PM Eligibility Criterion – Faculty Members/ Research Scholars/ Independent Researchers 14. Collaboration with the Department of History, Raghabpur Campus,

A five –day online International Faculty Development Programme was held from 23rd November to 27th November, 2020 in collaboration with the Department of History, Raghabpur Campus.

Fr. Leeming Boys' Hostel and Mother Teresa Girls' Hostel

The Twin Hostels of St. Xavier's College (namely Fr. Leeming Boys' Hostel and Mother Teresa Girls' Hostel) have the capacity to accommodate 290 boys and 185 girls. This home houses the students from all over the country and abroad. The Hostellers are "Challenged - Awakened-Empowered" to be "Men and Women of Competence, Conscience and Commitment to the cause of Human Family with a difference and to make a difference."

The following are the major events and celebrations for the academic year 2019 - 2020:

- The hostel accommodated 240 boys and 175 girls studying in different departments.
- Independence Day celebration was held by hoisting the National Flag by Fr. Milton followed by the distribution of the sweets. After that the students set off to the college to attend the Flag Hoisting ceremony.
- 15 foreign students of Macquarie University, Australia, accompanied by Dr. Julian D. Droogan, the faculty, and Tina Stubenrauch, the Staff, were accommodated in our hostel from 15th to 21st September 2019. The visitors felt enriched after interacting with our boys and girls.
- Our hostel student Nishtha Roy presented a research paper, titled 'A Study on the Perception of UPI Apps among the college students in Kolkata,' at the IMPRESS ICSSR

sponsored International Conference on Innovative Practices in VUCA World on 4th January, 2020.

- Based on advisories by WHO and Central Government and as a precautionary measure to check the spread of Covid-19 the Hostel was closed from 16th March, 2020.
- Fr. David Paulraj, SJ took charge as the New Superintendent of the Hostel on 25th June, 2020.
- The entire Hostel complex is getting a fresh coat of paint and the repair work is in full swing.



Cofradia – 2020: the name comes from the Spanish word cofrade – a member of a confraternity. To put it in a colloquial way, Cofradia translates to brotherhood and the annual hostel fest, Cofradia is the perfect epitome of the fraternity that exists among the hostel students.

Month-long preparations culminated in the most anticipated event of the calendar year of the hostel, Cofradia 2020 on the morning of 23rd February, 2020. A holy mass for the Catholic students followed by a general prayer service for all marked



the start to the auspicious occasion. Rev. Dr. Dominic Savio, SJ, the Principal of our College and the main celebrant, Rev. Dr. Thamacin Arulappan SJ, the Principal of St. Xavier's School, Fr. Joseph Kulandai, SJ, Hostel Superintendent and other hostel fathers celebrated the Holy Eucharist. Mass was followed by photo sessions and thereafter medals and certificates for various events and competitions that took place in the past month leading to Cofradia were distributed. The awards were numerous, and talent innumerable. They say, it is not the destination but the journey that truly matters.

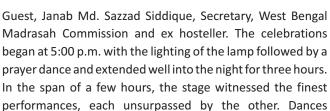






Cofradia, to the rest of the world may be an evening of celebration but for the hostel, it is a summation of moments spent together the year long.

The cultural programme that is celebrated each year as a hostel tradition showcases the talent in the hostel. This year we had Rev. Fr. Jeyaraj Veleswamy, SJ, the Rector and Chief



representing the culture of various ethnic groups including the Bengalis, the Assamese, the South-Indian, the Gorkhas and the Adivasis were performed. There were mellifluous musical performances in English, Hindi and Bengali. While the Fathers shared words of encouragement and inspiration and exclaimed pleasure on seeing the camaraderie among the hostel students; Mr. Siddique focused on his days as a hostel student in his speech. He delighted the audience with anecdotes about his youthful years in the hostel and at the same time passed on words of wisdom to the generation to come.

The cultural programme was followed by a dinner in the basketball court after which students walked back to the hostel. Cofradia 2020 came to an end but the camaraderie did not. To say it in Spanish, "Enestepequeñohogar, lo mas grandees mi familia" – In this small home, the biggest thing is my family.



XAVERIAN 2021



Fr. Verstraeten Central Library of St. Xavier's College

Infrastructural Development of Fr. Verstraeten Central Library

Renovation of RFID Based Library System:

With the gracious permission from Rev. Fr. Principal Dr. Dominic Savio, Fr. Verstraeten Central Library revamped its RFID based library system. It has been changed to a total webbased platform which would enable library work with more accuracy. It is done with financial help from RUSA. Presently under this new system, the Central Library procured two selfcirculation kiosks, seven computers and one server. It will satisfy the rush hour need of central library's circulation service with lesser waiting time for its users. It will also help its users to maintain physical distance. Five RFID staff stations and one pair of gate antenna are also bought for easy workflow of central library circulation service.

One projector is installed in the E-Resource Centre for Advanced Studies and Research.

During this period fire fighting system (including smoke detection devices) has been installed.



Development in the Teaching–Learning Area

Online Services Provided:

ProQuest One Academic, an online database, is the best destination for multidisciplinary research, teaching and learning. It brings together more than 250 years of authoritative, curated content available across every discipline and format to one place. ProQuest One Academic encompasses the entirety of four resources many researchers and libraries rely upon: ProQuest Central, Academic Complete, ProQuest Dissertation & Theses Global and Academic Video Online, creating a seamless user experience for learners at all levels.

ProQuest One Academic users have been using it for searching journals, dissertations, news, video, magazines, ebooks and more, all at once – saving them a tremendous amount of time and helping them complete tasks in a more efficient way. It will lead to more insightful and contextual knowledge discovery with the ease of remote access during this period.

Indiastat, a Socio-economic Statistical Online Database: Central Library has subscribed licences for two more users, the number of which is increased to a total of three users access privilege to this database with remote access facility.

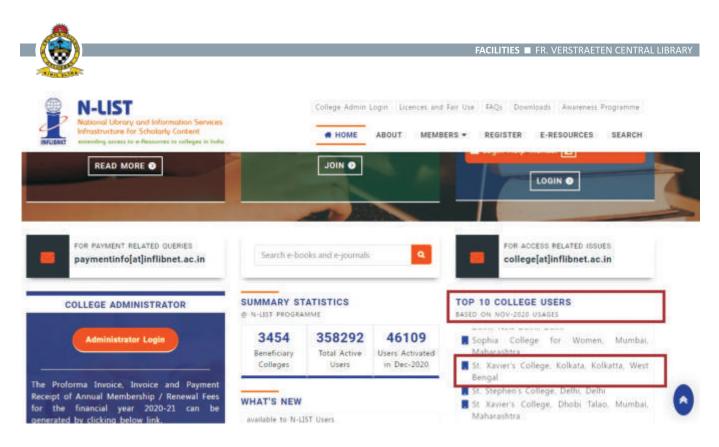
Online Plagiarism Checking Software i-thenticate from Turnitin has been used for facilitating study and research.

Campus-based online database services like CMIE-Prowess and Economic Outlook were provided to the users with the ease of remote access facility.

Sage journals and others like Harvard Business Review, Time Magazine, The Economist, Down to Earth, EPW, etc were made available online outside the campus.

Besides these, ebooks from Oxford, Pearson, etc. were of great help to the users for their study.

Last but not the least, the e-resources from INFLIBNET N-LIST were proved to be very useful during this time.



Institutional Collaboration:

The Central Library has renewed the membership of American Library and British Council Library for the creation of a greater resource sharing platform.

The Central Library's association with INFLIBNET had also been renewed during the year to facilitate access to the increasing number of digital resources every year. The Central Library is happy to announce that "St. Xavier's College, Kolkata" figures in the top ten college users category of N-LIST program. Thanks to our esteemed patrons to make it happen in the horizon of UGC-INFLIBNET website.

St. Xavier's College has been registered as an institutional member of National Digital Library (NDL).

Addition of Resources:

Print Books Added & Periodicals Subscribed and/or Renewed During the Year:

No. of Print books added (July'19-June 2020) =5,133

No. of Periodicals subscribed and/or renewed =139

Orientation Programme for New Users:

It was conducted at the beginning of this academic session to acquaint new users with the library resources. A complete updated Library Manual had been published for the patrons.

Top Library Users of the Year Award:

St. Xavier's College had conferred 'Top Library Users of the Year Award'. Under this category, three students from Commerce Morning, Evening and Economics Department who spent maximum time in reading at the library are being awarded in the College Convocation and Valedictory.

RFID Work in the Education Department Library:

About 15,000 books were tagged RFID and integrated into the central library database. One self-circulation kiosk, RFID Staff Station and one pair of gate antenna were introduced in this library resulting smooth workflow of the library.

Raghabpur Campus Library:

This library is continuously updated with resources for the advancement of study and teaching in the 'rural face' of St. Xavier's College (Autonomous), Kolkata.

Personalia:

Rev. Fr. Joseph Kulandai, S.J. had been appointed as the Asst. Director of the Central Library of the college. Prof Amitava Roy had also been appointed as the Professor-in-Charge of the library.

Future Plan:

Introducing more online e-resources to facilitate remote access.



Placement Cell

"O God, teach me to be generous; to serve you as you deserve; to give without counting the cost; to fight without fear of being wounded; to work without seeking rest; and to live without expecting any reward, but the knowledge that I am doing your will".

- St. Ignatius of Loyola

St. Xavier's College's Placement Unit is among Calcutta University's oldest and most active placement cells. It acts as a clear interlink between academia and the business world. The Placement Cell has proven to be the initial and final point for all placements as a congruent forum where a company's search for jobs meets the ultimate aim of a student's job.

The Placement Cell, a team of 10 driven leaders, led by a shared purpose of bringing numerous opportunities to the campus, aims to ensure that each job seeker meets his employer. In the past, organizations that deliver broad profiles ranging from analysis to articleships have recruited. Other recruiters in the past include Ernst and Young, KPMG, DE Shaw, Mckinsey, PwC, Deloitte and Oberoi Hotels according to trend.

The placement cell has always tried to recognize the ability of each applicant, and has worked unconditionally to develop programs to fine-tune skills and cultivate talent. Starting in their first year, students are introduced to prestigious internship opportunities to eventually offer a finesse to their corporate acumen by the time they are able to sit in their final year for recruitment procedures. In keeping with the college administration's dream, the Cell aims to empower students to meet the rising corporate world's needs.

The 2019-20 Placement Session marked yet another amazingly successful Placement Cell session. This continuing progress can be attributed to our illustrious faculty and a special mention to Rev. Dr. Dominic Savio, SJ – Principal, Dr. Amitava Roy – Placement Coordinator and a group of professors whose mentoring and deep conviction contributed to a successful placement session where students were put across various roles of their choosing. All the activities of the Cell are led by Mr. Niladri Sinha and the Student Core Committee, which consists of students from different courses in their final year. We aim to invite companies from various fields in order to make opportunities available not just for students of business and science, but also arts.

The Placement Cell is profoundly grateful to all the people whose contributions made this project a new benchmark for success. The Cell successfully collaborated with corporate giants such as Ernst & Young, PWC, Deloitte, KPMG, J. P. Morgan and D.E. Shaw, Byju's, Mckinsey, etc. during the workshop, thereby supplying the graduating batch with competitive placement opportunities complemented by lucrative pay packages and different profiles.

A total of more than 900 students enrolled from different backgrounds for the placement session including English, Mathematics, Economics, Commerce and so on. In the placement session which saw a number of companies offering an average of Rs. 6/- lacs pa, the immense trust of the leading organizations in the St. Xavier's College students' exceptional capabilities were evident. The most impressive bundle was priced by 7 companies which offered above Rs.10/- lacs pa. The highest package was offered by D. E. Shaw of Rs. 21/- lacs pa.

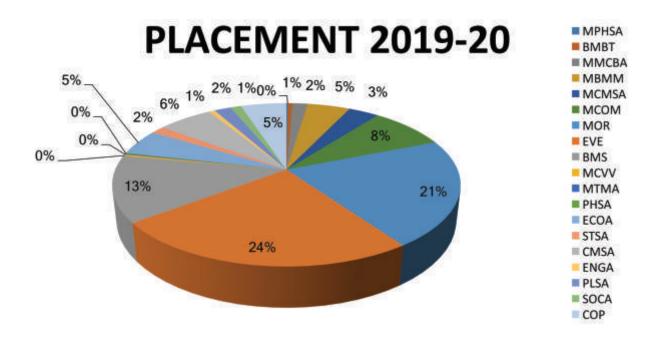
Apart from placements, the past year has also seen various workshops. We hope to conduct many more workshops on different areas ranging from Stock Markets to Career Counselling, Soft Skill Development and Education fairs. Besides this Deloitte US-India organized Graduate school of Maverick completion and our students got the 3rd rank.

Whether permanent placements or internship opportunities, the Cell has a pool of various experiences to cater to the students, but this year the team collaborated with another cell, the Entrepreneurship Development Cell, to host Initium: The Internship Expo. A first of its kind event in the glorious history of the institution was specifically designed to provide internship opportunities to students of all years and departments as such opportunities help students in garnering experience and skill sets hands-on from the business world. The event was a big success, as over 48 companies came onboard and we got close to 1000 unique registrations from students showing an interest in acquiring internships which were being offered. With more than 100 students being

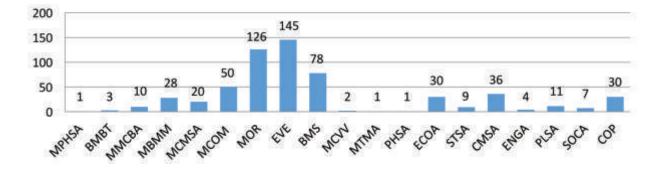


offered internship roles with monthly stipends ranging up to Rs 20,000, the event was termed a grand success with a local daily covering the event in one of its print editions. In conclusion, the Placement Cell has added another productive year to its history, with a track record of growing the number of opportunities for the students and alumni. The team worked tirelessly to achieve yet another milestone.

"Climbing to the top demands strength and skills, whether it is to the top of Mount Everest or to the top of your career" - Dr. Abdul Kalam



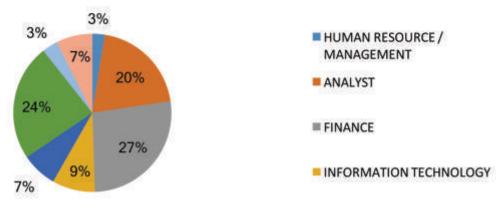
DEPARTMENT WISE PLACEMENT 2019-20





HUMAN RESOURCE / MANAGEMENT	15
ANALYST	119
FINANCE	159
INFORMATION TECHNOLOGY	52
BUSINESS DEVELOPMENT	43
MARKETING	141
TEACHING	19
MEDIA	44
TOTAL	592

PLACEMENT SECTOR WISE 2019-20

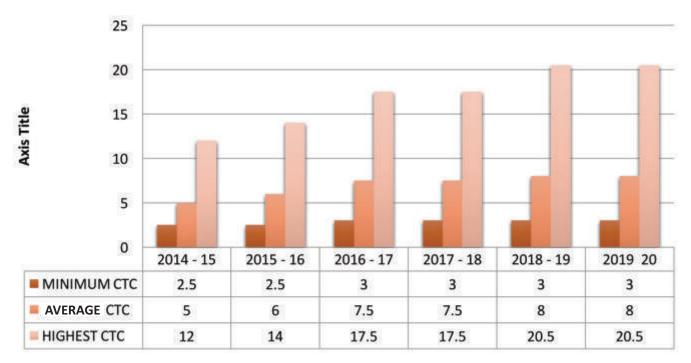




COST TO COMPANY - PER ANNUM					
ACADEMIC YEAR	MINIMUM CTC	AVERAGE CTC	HIGHEST CTC		
2014 - 15	2.5	5	12		
2015 - 16	2.5	6	14		
2016 - 17	3	7.5	17.5		
2017 - 18	3	7.5	17.5		
2018 - 19	3	8	20.5		
2019 - 20	3	8	20.5		

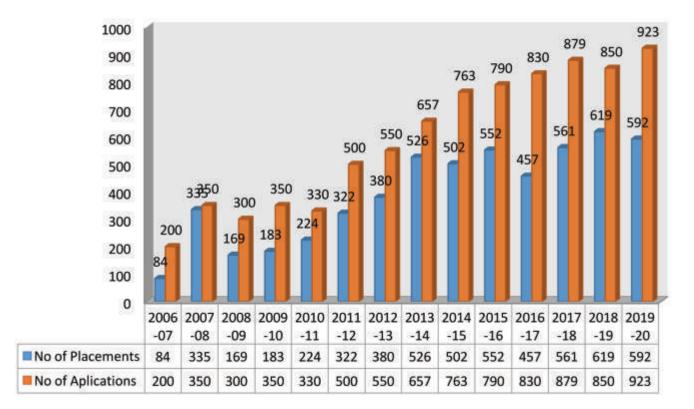
AVERAGE

COST TO COMPANY - PER ANNUM



Placement Performance				
Year	No. of Placements	No. of Applications		
2006-07	84	200		
2007-08	335	350		
2008-09	169	300		
2009-10	183	350		
2010-11	224	330		
2011-12	322	500		
2012-13	380	550		
2013-14	526	657		
2014-15	502	763		
2015-16	552	790		
2016-17	457	830		
2017-18	561	879		
2018-19	619	850		
2019-20	592	923		
Students Placed by Placement Cell	5506	8272		

Placement Performance









Rev. Fr. Franz Goreaux Central Research Facility

In the wake of the Covid pandemic gripping the entire globe, the Central Research Facility had to be closed for a considerable length of time. However, the infrastructure has been enriched to accommodate not only researchers but Under Graduate, Post Graduate students and project trainees from the departments of Biotechnology, Microbiology, Physics and Chemistry. The total assets now amount to more than Rs. 2 crore. The Centre plans to host some outreach programmes so that the facilities can be extended to faculty and research scholars of other colleges and organizations. With the forthcoming new FIST Grant, high-end instruments like FTIR, HPLC, ZETASIZER, RHEOMETER, SOLAR MEASUREMENT AND OBSERVATION KIT will be installed. The Center has opened its doors to the young aspiring researchers from 6th October 2020 who have been working with the resources of the facility regularly.

ACHIEVEMENTS

- Under Graduate students of chemistry (Semester III) under CBCS syllabus have been exposed to live recordings about handling of instruments (U-2900 UV/VIS Spectrophotometer) in their 'skill based' module.
- 2. The centralized server facility was extensively used by the physics and chemistry departments –at research level
- Consultancy programs: The central instrumentation facility housing different equipments like- Atomic Absorption Spectrophotometer, UV-Vis Spectrophotometer, Fluorimeter provided consultancy





services to outside parties in the field of water testing, food samples and quality of fertilizer.

4. Culture rooms (animal and plant tissue culture) have been used for fruitful research investigations.

USE OF LABORATORY FACILITIES

Cold Room – Maintained at 40C

- For storing cryocan with cryopreserved cell lines
- For isolation of matrix metalloproteinases (MMPs) from cell culture media.
- Handling all proteins (GAPD, HSA) and preparing solutions at physiological pH.
- Crushing of transgenic pigeonpea tissue samples using liquid N2for DNA and protein isolation.
- To run gels for NATIVE PAGE Gel electrophoresis in the absence of SDS to analyse the multimeric or native state of proteins.
- Sample Processing Antigen-antibody interaction during ChIP-based studies and Recombinant plant protein expression and Isolation from bacterial cells.
- RNA & Protein isolation
- Western Blot
- Isozyme gel run

XAVERIAN 2021-



Culture Laboratories

Animal Tissue Culture -

- CO2 incubator: Used specifically for culture of mammalian cells.
- Biological Safety Cabinet: Used specifically for culture of mammalian cells.
- Growth Chamber Maintenance of optimum temperature and photoperiod for transgenic plants.

Instrumental Laboratory

i) F-7000 Fluorimeter:

For carrying out fluorescence studies on-

- Temperature variation studies of the interaction of – i) TetracyclinEu and BSA ii) Tetracyclin, BSA, Eu and urea iii) Tetracyclin, Eu, HSA and iv) Tetracyclin, EU, HSA, urea.
- Protein Ligand interactions by monitoring Trp quenching.
- To check the expression of plant promoter construct driven Gus gene.
- Estimation of plant metabolites and phytohormones under different environmental stresses.
- Fluorescence study of luciferase

assay in luminescence mode at 350nm excitation. The total area under the curve in presence and absence of stationary phase factors which bind to the E. coli and human ribosome and hence affect in the translation of the luciferase gene.

- Recording of Luminescent spectra of the ligand and the complexes.
- Phosphorescence studies were conducted on BSA:OLEIC ACID preparations.
- Phosphorescence studies were conducted on ternary systems of BSA:OLEIC ACID: ACRYLAMIDE and BSA:OLEIC ACID: UREA from lower to higher concentrations of the quencher.
- The bacterial enhancer binding protein, FIrC, controls motility and colonization of Vibrio cholerae by regulating transcription of class-III flagellar genes in 254-dependent manner. We have monitored interactions of second messenger c-di-GMP with FIrCC and its variants by measuring the change in intrinsic fluorescence of Trp299 upon c-di-GMP binding using the spectro fluorometer, Hitachi F-7000.
- ii) U-2900 UV/VIS Spectrophotometer:



 Inverted Microscope: Used for visualizing mammalian cells in culture under sterile conditions and for immunocytochemistry experiments involving mammalian cells.

Teaching Purpose -

 Conduction of Animal Biotechnology Practical classes, M. Sc Integrated, Biotechnology, 4th Year (PG). Practicals involved demonstrating usage of instruments for Animal Cell Culture

General Biology Laboratory

Atomic Absorption Spectrometer: AAS was sufficiently utilized for the purpose of detection of elements like lead, nickel and silicon from the seedlings of plant specimens.

Plant Tissue Culture

Laminar air flow unit -

- Tissue culture for sterilization and sowing of Arabidopsis thaliana and Nicotiana seeds.
- Growth rack i) Used for growing Arabidopsis plants 3-4 week old in soilrite. ii) For illuminating jars bottles and Petri plates containing callus.





- To check the absorbance of Proteins such as bacterial enhancer binding protein, FIrA or FIrC or their mutants ABC transporters and measurement of protein ligand interactions (e.g. measurement of soret shift upon binding with protein HutB or HutF)
- Estimation of DNA & RNA concentration of plant & yeast at 260nm.
- Quantification of DNA & RNA

iii) Fluorescence Microscope :

- To study microbial viability + membrane damage of Bacterial cell.
- Fluorescent localization of ROS in leaves and roots

iv) Inverted Microscopeand Binocular microscope -

- Used binocular microscope for drying droplet image viewing purpose.
- To visualize the pattern formation in drying droplets. This microscope is used to examine the pattern formation changes for the same sample on different substrates such as glass, quartz and acrylic. To know fluid dynamics inside the droplet the video of drying droplet under the microscope under different magnifications.

microscope under different magnifications have been taken. Final image of the dried droplet are then used for image processing to understand the physics resides inside that particular droplet.

HP Proliant Server

- Measured the effect of gravitational wave on merging binary system near binary black hole.
- Designed a dynamic model of cosmology based on some recent research works and trying to test the model using standard data.
- Inclusion of effects of rotation in QMD model of quark.
- Studying effect of gravitational waves near strong gravitational lenses.
- Two students use the desk for theoretical work along with the internet facility. One

student works on gravitational collapse and the other student works on gravitational waves in different theories of gravity.

- One more student use the desk for their research along with the internet. He is working on the thermodynamic theory of gravity.
- Using server to model porous rocks to study its fractalness, diffusivity, permeability etc.
- We are using the central computational facility to perform electronic structure calculations on crystal and molecules. The codes Quantum ESPRESSO and GAMESS are being run in parallel using MPI and TCP/IP respectively. They are being used for Photovoltaic and glass materials.
- Generating porous samples using Distinct Element Model and finding characteristics of the samples.
- Finding permeability.
- Extensive usage of -800C Freezer by scholars for storage of the samples related to research

Installation of new Instruments -



- PerkinElmer Atomic Absorption Spectrometer [Model PinAAcle 500 AAS]
- Brookfield Viscometer [Model: LVDV-E]
- Origin Novita Dehumidifier
 [Model: ND 298]





Ph.D. Cell

The PhD programs of St. Xavier's College, started in 2015, was granted permission by the University of Calcutta to independently initiate a Ph.D. program in the departments of Physics, Microbiology, Biotechnology and Commerce.

At present, there are 43 Ph.D. supervisors and 69 research scholars enrolled across the departments of Physics, Microbiology, Biotechnology and Commerce.

The total number of registered research scholars are 60 out of 69 enrolled scholars in the Ph.D. Program.

The first Ph.D. open viva-voce examination was conducted on the 10th of November,2020, for Mrs Ritun Chakraborty Chaudhuri, a registered Ph.D. scholar under the supervision of Dr. Kasturi Sarkar in the Department of Microbiology. She had submitted her Ph.D. thesis on 24th July, 2020. This is one of the landmarks in the academic journey of St. Xavier's College. Two scholars, namely, Father Milton Costa and Zeba Farheen, in the Department of Commerce had presented the defence Pre-Submission Online Seminar on the summary of their findings on 29th October, 2020, and 7th November, 2020, respectively. Debanjana Sengupta of Microbiology department had presented her Pre-Submission Online Seminar on 9th November, 2020.

The Online Research Advisory Committee Meetings are continuously conducted to expedite the progress of scholars enrolled in the department during these trying times. This endeavour once again reinforces the indomitable spirit of St. Xavier's College amidst the ongoing pandemic.



Pre-Submission Online Seminar Presentation

Societies





All India Catholic University Federation (AICUF)

All India Catholic University Federation (AICUF), is a students' movement formed to develop leadership skills and increase social awareness. Its motto is "We are born into an unjust society and we are determined not to leave it as we have found it". It comprises 5 units and 2 state commissions. The AICUF West Bengal state coordinator is Prof. Dr. Chalotte Simpson-Veigas and the coordinator of the Santhali Unit is Prof. Aparijita Hembrom. The thrust areas include Dalits, Refugees, Adivasis and Women.

Headquarters: AICUF Secretariat, Room no. 108, Jubilee Building, St. Xavier's College (Autonomous) College

State Team Members (2019-2020) :

- 1. Sherin Johnson (State Convenor)
- 2. Antoinette Shirley Anjana Leon (State Co-Convenor)
- 3. Romi Shagun Baa (State Part-timer)
- 4. Karan Joel Minz (State Part-timer)

In the academic year of 2019-2020 major events organized by AICUF are as follows:

- 1. SWC Seminar with the theme of "Women Beyond Belief" was organized on 9th August 2019 which focused on discussing pertinent issues regarding women and religion.
- 2. AYCM Seminar "Indivisible Indigenous" was organized with the theme "Rights, Resources and Recognition". The



speakers for the seminar were Prof. Dr. Virginius Xaxa and Mr. Anand Prakash Toppo.

3. Spotlight 2019 was held on 8th September 2019. The theme of The Spotlight was "Blending to Perfection"



where a talent hunt was held for less privileged children from different schools of Kolkata.

 Adivasi Diwas 2019 was held on 22nd October 2019 at St. Xavier's Primary School, Kolkata. The event aimed to



invigorate and revitalize the innate spirit among the tribal communities.

AYCM West Bengal was also a part of the AYCM Silver Jubilee Celebration National Camp organized in AICUF ashram Bhopal.

 State Puja Camp was scheduled from the 2nd to the 8th of October at Jisu Ashram, Pandua. Along with a retreat session, several sessions were held on many social issues such as Mental Health etc.





- 'Suraksha', was a seminar organized on the topic 'Legal Possibilities against Sexual Harassment' conducted by Adv.
 B. Kerketta for female students. This was followed by an introductory self-defense training session.
- Zoological Park Visit: AICUF West Bengal organized their annual picnic for the children of Ghostomath village on the 23rd of January 2020.
- Adaya : The theme for the event was 'Ghorir Kata', which aimed to portray the transverse of Bengali heritage and culture right from its inception.





 'Naari': For the Women's Day Celebration a visit to an Organization 'Asha Rising' was arranged on 14th of March 2020. An eye checkup camp was set up with Mr. Soumyajit Jana as the presiding optometrist.

Along with these, AICUF also organized old age home visits, every Tuesday and Friday and Village Visits to Ghostomath, every Sunday starting from the start of academic session in the month of July. Mass celebrations were also organized for Ash Wednesday and feasts such as St. Ignatius of Loyola Feast, and St. Francis Xavier.







Department of Social Work and NSS

WORLD AIDS DAY

The department observed World AIDS Day on following dates in the month of December 2019:

- 1st December Around 41 volunteers attended a seminar organised by West Bengal State AIDS Control and Prevention Society in Swasthya Bhavan.
- 3rd December A seminar on HIV AIDS was organised in College in collaboration with Child In Need Institute (CINI). Dr. Rumeli Das, Assistant Director of CINI addressed around 60 volunteers. Through the interactive seminar, the students became aware about HIV/AIDS and how they could protect themselves from it. She also highlighted on the social stigma that was attached to HIV/AIDS and how women and children were more affected. The students worked on various case studies and presented their findings during the seminar.
- 12th December As a follow-up of this seminar, XMS in collaboration with NSS organised a Christmas carnival on the 12th at Ananda Ghar, a home for HIV positive children.
 32 eager volunteers (20 XMS students and 12 NSS Board members) reached Ananda Ghar, and organised various games, and sponsored lunch for all the children. The icing on the cake for the children was when two Santas (two

students were dressed as Santa) came and distributed goodies to the children. Both the children and our students had a wonderful time together spreading Christmas joy among all.

14th December – A seminar on HIV/AIDS was organised at the R a g h a b p ur c a m p us in collaboration with West Bengal State AIDS Control and Prevention Society. Around 63 students of the Raghabpur campus attended the seminar. Ms. Sumita Samanta, Deputy Director – Social Protection and Mainstreaming and IEC, of West Bengal State AIDS Control and Prevention Society was the resource person. Through her session, the students became aware about HIV/AIDS and how they could protect themselves from it. Awareness was also created through folk media as well.

AN INTERACTIVE SESSION AND VILLAGE VISIT WITH FR. JOSEP F. MARIA SERRANO, JESUIT FROM BARCELONA

On 31st January and 4th February 2020, the NSS was happy to meet Fr. Josep F. Maria Serrano who was doing a research on Values and Jesuit Higher Education. He was taken to one of the adopted villages for an exposure visit. He was highly impressed with the activities undertaken by the College on service learning. He had a good and meaningful interactive session with the NSS Team as well. The NSS team got to know about what other Jesuit Universities & Colleges were doing especially in Barcelona. It was indeed a mutual learning experience.

ANNUAL PROGRAMMES

Shishu Mela 2020 - Upholding the Rights of the Children

On 16th February 2020, 1086 children (617 girls + 469 boys)





from 8 villages and 14 NGOs filled St. Xavier's College campus on Park Street, to participate in the much sought-after event-Shishu Mela which is organised every year by the Department of Social Work & NSS. This year, with the theme being 'Child Rights and Child Protection', Shishu Mela ensured that apart from the children fulfilling their right to enjoyment, they were also made aware about their rights, duties and protection from any form of violence. This awareness was not restricted to children alone, but was meant for all the 352 (166 girls +186 boys) College students from 18 departments who helped to organise this Mela. Addressing the gathering, Rev. Dr. Dominic Savio, S.J., College Principal assured the children of total support and cooperation and welcomed them to continue their higher education at SXC. He further appreciated the volunteers and all the departments for their commitment, care and concern towards the underprivileged.

Independence Day, 2020

This year the NSS volunteers celebrated Independence Day with a difference. On 15th August, an online craft session was held for around 20 underprivileged urban children in collaboration with World Vision India. Samadrita Banerjee a BMM (Sem-V) student taught the enthusiastic children how to make paper hyacinth stick. On 16th August 2020, the department reached out to the children of Nurshikdar Chowk and Shalpukur villages. Around 100 packets (comprising of hand sanitizer, mask, soap and biscuit) were distributed among children of Nurshikdar Chowk and Shalpukur villages respectively. Two NSS volunteers from Raghabpur campus along with Prof. Cheryl Francis undertook an awareness session on hand washing for the beneficiaries.

REGULAR PROGRAMMES

Village Education Programme

In January and February 2020, the Village Education Programme focused on various contemporary issues such as swachhta, health and sanitation and right to education. A total of 134 students from across all departments participated in the programme reaching out to 490 children in the adopted villages.

Orientation to work in NGOs

On 15th and 28th of January 2020, an orientation for

Semester IV students of all departments was organized on the 'Dos and Don'ts' of working in NGOs. They were briefed on the rules, regulations and discipline that they needed to follow while selecting and working in NGOs. A total of 153 students attended the orientation.

Orientation on NSS and UBA for First year students of both campuses

An orientation on NSS and UBA for all the first year students of both the campuses were held in October 2020. 1358 students got a glimse of how NSS work grew in the college in the last 51 years.

SPECIAL PROGRAMMES

Reaching out digitally: the new norm

The Department reached out digitally to nearly 100 underprivileged urban children through World Vision India. In August 2020, the staff along with some volunteers held introductory session for the children in 5 batches of nearly 20 children per batch. During the session, the staff guided the children as well as NSS volunteers to focus on the positive things they experienced in the last five months of fighting COVID. These introductory sessions were a tool for the Department to conduct a need assessment. While some children were very keen to learn art, craft, sketching, others wanted hand holding support in school curriculum, and a handful wanted to learn dancing. Most of the children wanted to learn spoken English to be able to converse.

The NSS volunteers and the children were able to connect with each other instantly and shared about their respective lives freely. It was very heart-warming to see that most of the children wanted to pursue their higher education at St. Xavier's College. After the first round of introduction, the first batch of children had a session on craft on 15th August.

International Webinar series to commemorate 51 years of NSS in College: On the occasion of 51 years of NSS in the College, an international webinar series was organised on Youth for Global Action on 23rd and 24th September 2020. The two-day webinar had the following themes:

- Day 1: 23rd September 2020: Youth Volunteering: Becoming Peace makers for social change resulting in development of Self & Others
- Day 2: 24th September 2020: Youth for Global Action:





Knowledge & Skill Enhancement for achieving SDGs

The first resource speaker Mr. Parthsarathi Changdar (Lead CSR, Akzonobel, New Delhi, India) gave an insight into the 'Importance of Youth Volunteering: Personal & Profession Growth'. The next speaker was Ms. Berith Karasch (Associate Peace Building Officer United Nations Peace Building Support Office, New York) who gave an insightful presentation on 'Youth Volunteerism for Peace & Cohesion'.

Speakers for the next day were Mr. Morse C. Flores (Human Rights Officer, United Nations of the High Commissioner for Human Rights, Geneva) and Mr. Sam Sudheer Bandi, Communication Officer, UNICEF Office, Chhattisgarh. The two speakers spoke on 'Skilling of youth globally for employment and SDGs' and 'Skilling of Youth in India for employment & meeting SDGs' respectively. Most of the participants responded that they would engage themselves in the educating and spreading awareness about the SDGs in their respective communities, uphold the dignity of a person and be committed to mitigate the challenges that comes forth and bring about positive change around them.

NETWORKING MEETINGS WITH VARIOUS GOVERNMENT OFFICIALS

On 25th February, a meeting with Dr. T. K. Gupta, Chief Engineer of the Waste Management Cell, Department of Environment, Govt of West Bengal was held to discuss about disposing of plastics in the village. On 28th February, the staff met Ms. Sonali Dutta Roy, Joint Secretary of Panchayat and Rural Development to discuss about waste management and organic farming in the adopted villages. Ms. Roy appreciated the pro-activeness of the College in reaching out to the underprivileged sections of the society. She suggested that the students can create awareness on 100% waste segregation in the villages, which will further contribute in encouraging women to compost and take up organic farming. Ms. Roy suggested that the Agriculture Development Office of the block should be contacted for handholding support and training regarding organic farming for the rural women. She assured of all possible support from her department in the future as well. On 2nd March, a meeting was held with Dr. Pritam Nandi, Assistant Director of Agriculture-Bishnupur, Block I, to discuss about implementing organic farming in the adopted villages. Dr. Nandi assured of all possible support

from his department to the college for implementing organic farming.

AT RAGHABPUR CAMPUS

NSS Orientation

On 15th January, about 95 students participated in the NSS orientation programme. The students got an opportunity to understand the ideology, history and evolution of NSS. The students were explained about the importance of social development and the role of youth in it.

Seminar on water conservation

On 5th February 2020, a seminar on water conservation was held in the campus. Around 90 students were present for this interactive session conducted by Mr. J.P. Poddar, Director and Mr. Jayanta Chatterjee, Training Coordinator of the Indian Institute of Training and Development. The students got an overview of various methods of water conservation both at household as well as at the community level. The students were also explained about various methods of rain water harvesting as well as its benefits.

Orientation session on skill enhancement for rural youth

On 23rd August 2020, the Rotary Club Calcutta South Circle in collaboration with St. Xavier's College Raghabpur campus organized an awareness programme about the various short term and long-term technical courses conducted by the MSME Technology Centre, Kolkata under the Ministry of MSME, Govt. of India, for about 70 rural youth from five surrounding villages. Mr. G.C. Das, Manager, MSME Tool Room-Kolkata explained the various aspects of the training programmes such as structure of the course, admission and other related areas.





masks and biscuits) for the village children. On 31st July the items were handed over to the village representatives who were asked to distribute the same to the children in small groups. On 16th August 2020, the College distributed the same to 100 children of Nurshikdar Chowk and Shalpukur villages. Prior to the distribution an awareness programme on hand washing was undertaken by two student volunteers.

AMPHAN RELIEF OPERATION

Relief operation for affected

COVID-19 RELIEF OPERATIONS UNDERTAKEN BY THE COLLEGE

Distribution of dry ration

COVID-19 Relief work was organized by St. Xavier's College (Autonomous) through the Raghabpur campus. About 2000 families, spreading across ten villages, including the UBA villages, were sponsored by the College. The distributions began from 27th March 2020 and completed on 18th April 2020. On 7th April, UBA Coordinator visited two adopted villages - Debipur and Shalpukur and distributed relief materials to about 100 families with the help of local support.

In the Ragabpur campus, the relief work was carried out by the 36 village volunteers from Raghabpur area for packing and distributing relief materials. The Panchayat Pradhan of Panuka Panchayat, Kulerdari Panchayat and many Panchayat members and the Nepalgunj Police Force helped in the initiatives and supported with all the necessary logistics.

COVID-19 essentials for the village children

The College mobilized some essential items (such as hand sanitizers, soaps,

116

students and staff

A large number of students studying in Raghabpur campus live in the nearby villages which were affected by Cyclone Amphan. In collaboration with the College Alumni Association, the College decided to reach out to its students who were most affected by the cyclone with relief aid. 76 students and 6 support staff received an aid of Rs 5,000/-(per head). A total number of 9 Professors and about 10 students from the Raghabpur campus were involved in this noble initiative coordinated by NSS.

Relief operation in Kakdwip





On 7th July 2020, a team from St. Xavier's College Kolkata led by Father Principal along with other Fathers, NSS team, support staff and Alumni members left for the third visit to a cyclone shelter at Narayanpur No 4 Jetty of Kakdwip Police Station in the Sunderbans district in South 24 Parghanas for distribution of relief materials to the Amphan Cyclone victims.

Mr. Sudip Singh, Inspector-In-charge of Kakdwip Police Station helped the College to identify the location. Fr. Principal assured the beneficiaries that St. Xavier's would continue to provide all possible support to the affected people of the area.

REACHING OUT DIGITALLY: THE NEW NORM – PART II

Strengthening the NSS Core team – Online leadership training and skill development

During normal circumstances, the NSS core team is engaged in various social activities spread across five villages per week, apart from coordinating in house activities and programmes throughout the year. This core group consists of students belonging to various social and economic backgrounds. Through these activities, the students are able to realise and nurture their leadership skills as well. From 11th May, threeweek long leadership training and skill development workshop was organised for 15 students from both the campuses. Through various assignments they got input sessions on – (i) Making of a leader; (ii) How to be a good communicator; (iii) Recognising the leader within; (iv) How to prepare a program schedule (for only RGP students); (v) Stress management through peer sharing; (vi) How to schedule WebEx meetings; (vii) Decision making.

During a feedback session, the students shared that this leadership training served as a boon to them both personally as well as professionally. Amidst the lockdown and especially when everyone was neck deep in uncertain and trying times, this opportunity to interact with the whole NSS family as well as learn life skills through this training definitely boosted the morale of the students. As one student rightly said, "I always feel more positive after attending each session. This has been one of the best training I have participated in and I am certainly trying hard to put into practice the concepts learnt during the session."

Symphony of mind and body: Observing International Day of Yoga

The department in collaboration with XADAM (Xaverian Academy of Dance and Music) observed International Day of Yoga on 21st June, 2020, through a video presentation. The students demonstrated various yoga asanas. The video was uploaded in the official Facebook page of the college and posted on the college website. In the beginning of June, when the Department reached out to its student with a suggestion of observing International Day of Yoga virtually, the response was overwhelming. The students were excited to not just observe International Day of Yoga but to practice Yoga regularly for their physical and mental well-being.

Opportunities for Social Credits through online activities

In the months of November and December 2020, the department organised various online quizzes and opinion polls for first and second year students: (i) Quiz on NSS; (ii) Quiz on UBA; (iii) Quiz on NEP; (iv) Quiz and opinion poll on AIDS; (v) Quiz and opinion poll on disability rights; (vi) Quiz and opinion poll on Human Rights; (vii) Opinion poll on COVID-19 & Its Impact on Education of Girl child; (viii) Opinion poll on Effects of Social Media on Youth. These quizzes and opinion polls helped the students to test their knowledge on the said issues as well as voice their opinions on the same. The results of all these activities are available on the College Website.

The department made special efforts for outgoing and current third year students to provide them with opportunities to complete their social credits through online activities. The response has been encouraging.



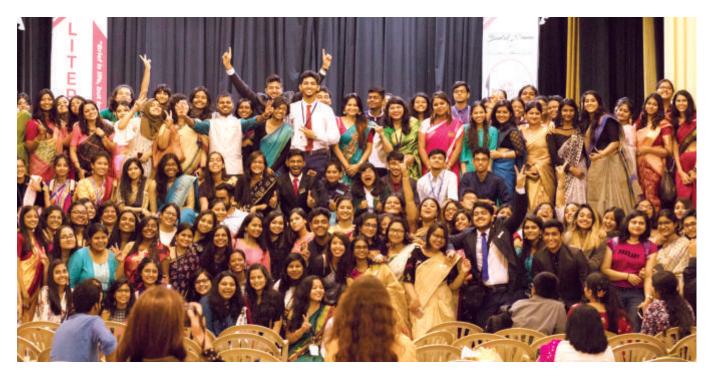
The English Academy

The English Academy entered the academic year of 2019-2020 on a note of euphoria, reaching new heights as a paradigm of literary excellence. Under the inspirational guidance of the Deputy President, Dr. Chandrani Biswas, the Academy extended its horizon by involving the whole Xaverian community. Ably led by the Secretary, Soumyadeep Saha, the Assistant Secretary, Shivangi Sen, and the Core Committee, the English Academy became an inclusive refuge for creatively inclined minds across all departments.

As the team worked with unwavering dedication, it was no surprise that the annual cultural event of the society, held on October 1st, 2019, carved itself a place of honor in the annals of the Academy's history. The theme of the event had a universal appeal --the tradition of love in English literature. The Fr. Depelchin Auditorium was meticulously decorated by a diligent team of young member-students to welcome participants from several colleges across the city. The program commenced with a motivating address from Rev Dr. Dominic Savio, Principal, St. Xavier's College (Autonomous), Kolkata. It was followed by Deputy President, Dr. Chandrani Biswas' welcome address, in which she recalled the efforts of the Academy over the preceding months in planning the oneday extravaganza, encouraging every participant to unleash their full creative potential.

The dignitaries who graced the inauguration were Prof. Bertram Silva, Vice Principal, Arts and Science, Prof. Arghya Banerjee, Dean of Arts, Prof. Tapati Dutta, Dean of Science, Prof. Suchandana Bhattacharyya, Head, Department of English, and other esteemed professors of the department. The day was packed with engaging events, both on and off stage. The auditorium remained the hub of activity and joie de vivre as events like Poetry Slam, Literary Quiz, Relay Storytelling, and Character Representation made for a delightful and stimulating entertainment. On the other hand, participants of the inter-college Creative Writing and Black Out Poetry competitions battled it out with the power of their pens in selected classrooms of the college. Online events were also conducted, including Short Film making, Photography, and Doodling. An in-house production, adapted from John Cariani's widely performed play "Almost, Maine" enlivened the stage in the second half of the day. Directed, performed, and managed by students alone, the play was a tremendous success, meeting with an appreciative response from its enthralled audience.

The lunch break was followed by an eagerly anticipated authorial session-a panel discussion with none other than the illustrious literary icon Mr. Ruskin Bond. Moderated engagingly by the Deputy President, Dr. Chandrani Biswas,





the session witnessed a nostalgic celebration of well-loved literary classics as well as rousing discussions on creative inspirations. The day drew to a triumphant close with the host college taking the award for first place while Jadavpur University placed a close second.



The Decade Launch of the

departmental magazine Ode to Expressions, which publishes creative works ranging from non-fiction writing to art and photography, was scheduled for March 19, 2020. The theme for the same was an acknowledgment of the greatest events of the past decade in the hopes of assimilating such knowledge to precipitate a better future, blithely stated as "Reckoning the Past, Beckoning the Future". The magazine designs were finalized after weeks of careful deliberation, entries completed and compiled by the dedicated Editorial Board, and the printed copies poised for the grand launch. And yet, the gloomy pall of an unforeseen circumstance forced the suspension of the event indefinitely.

The world was brought to a standstill by the pandemic that continues to plague us to this day. However, we can only look forward to a far more propitious future. The Academy takes great consolation in the infallible support offered by the respected Deputy President, Dr. Chandrani Biswas as well as the whole Department of English, along with the indefatigable efforts of its members, that led to an unforgettably grand 'Literaria'.

In light of the present circumstances, the Academy too is evolving and adapting with the times. Plans for the society fitting the "New Normal" are underway as we consider moving our sphere of activities online, in the absence of the possibility of physical gatherings in the immediate future. We hope to carry on our literary endeavors through online webinars where eminent experts and erudite speakers may find a platform to connect with the students. It would bring us great pleasure to organize such an event that lifts the spirits and morale of the Xaverian community and brings us back in touch with the literary pulse. It would also be a wonderful respite from the everyday monotony of sequestered life. The Academy is thus determined to look forward to another productive year ahead with great enthusiasm and optimism.





"To raise new questions, new possibilities, to regard old problems from a new angle, requires creative imagination and marks real advance in science."

Albert Einstein

Science is not only about mere logical facts and technical figures. Science is about innovation, it provides the power to imagine and hence, create. Science is the poetry of reality. With this spirit, the Science Association of St. Xavier's College (Autonomous), Kolkata takes pride in bringing science to life by accommodating students with a keen interest in science, and providing them with the platform to showcase and even

encouraged research activities and blogging, and has commemorated scientific discoveries and scientists by way of the same. Finally, it has witnessed the thirteenth annual event of Science Association 'SIGMA', with the focal theme being "A Transit Through Time" on 11th and 12 of February, 2020. As all the departments of science converged in this fest, the theme, indeed, seemed befitting with a view of collaborating and conducting a variety of events ranging across all disciplines, be it, technology, biological sciences or the pure sciences. While general events included Treasure hunt, Debate and Quiz; events requiring specialisation in a particular field included an intriguing Integration Battle and Coding and



Encryption. The Science Exhibition of Sigma, EUREKA was a grand success, where students were invited to present working models from various disciplines of science to share their innovative ideas and inspire other young aspirants as well. Apart from this, the event culminated with the launch of 'Pebbles', the Annual Magazine of Science Association. This year we have launched the magazine in soft copy version as we believe that it will have a better reach.

The basic requirement for any country or society to set up model for development is new technology and that will be impossible without

sharpen their skills. Established with an aim to foster interest for science, it sparks out fuel in the mind of science students, who seek to recognize an interest in scientific activities, and it further nurtures this interest with the help of inter and intra college extra-curricular activities. This session is not an exception. The association has conducted a wide range of activities throughout the academic session, 2019-20.

It has organised Machine Learning Study Jams for its members, which was a great experience for the students to gain practical experience in Machine Learning and work with like minded people. The association has also actively investment in science.So, this association serve as a platform for manifestation of the scientific aptitude of the students while indulging in healthy competition and other festivities throughout the year.We try to encourage each and every student from the disciplines of Mathematics, Physics, Chemistry, Microbiology, Biotechnology, Computer Science, Economics, Statistics, Multimedia and Mass Communication departments to be a part of the association. Lastly, we would like mention that we will be more than happy to have you by our side in our future journey.





SXCNCC – A Society of Choice and a Family with Pride



The year was filled with ups and downs but still SXCNCC stood strong as a family supporting each other following our motto, "Unity and Discipline". Fighting all odds and working hard towards excellence our cadets rose like shining stars.

"Great things never come from comfort zones."

The RDC Camp or the Republic Day Camp is one of the prestigious camps. The camp provides an exposure to the rich culture and traditions of the country through important events that take place in the national capital during the run up to the Republic Day as well as to enhance the personal traits of the cadets by strengthening their value system. Three of our cadets, CSM Sakshi Jaiswal, CQMS Shreejay Chandra Das and SGT Tausif Igbal have come out of their comfort zones and worked hard to be a part of the RDC Contingent, 2020. The contingent from West Bengal and Sikkim Directorate that had 111 cadets from all the six groups. They were a part of the Prime Minister's Rally held on 28th January, 2020 and also participated in the YEP competition. They even got the chance to visit the house of DGNCC. CSM Sakshi Jaiswal had the rare opportunity of visiting the house of the Prime Minister.

Thal Sainik Camp, (TSC) marks another prestigious camp of NCC. It is a 12 day-camp conducted in Delhi by DGNCC every year in the late autumn. CSUO Muskan Gupta, one of our NCC cadet has not only represented West Bengal & Sikkim Directorate in this National Camp but has also secured All



SGT TAUSIF IQBAL,CSM SAKSHI JAISWAL, CQMS SHREEJAY CHANDRA DAS AT RDC,2020.



CSUO MUSKAN GUPTA AT TSC, 2019

India 3rd Rank in Field Craft and Battle Craft. Sharing her experience, she said, "The entire journey was full of challenges and it has made me more confident which will keep motivating me to experiment with new things in future too. Thank you TSC for helping me to believe in being 'Daring to be Different'."





CSUO PRAGATI PRASAD AND CSUO GOURAV PRASAD WITH THE GOVERNOR OF WEST BENGAL AND THE PRINCIPAL

SUO Gourav Prasad and SUO Pragati Prasad had been outstanding in their performance in NCC and thus have been awarded the Governor's Medal on 25th of February, 2020. This award has not only made our SXCNCC but also our college proud.

"For if a change is to be brought, it is brought about by coming together."

SXCNCC takes immense pride in organizing its annual social welfare event "Sahyog : Extending hands and hearts". Every year the cadets pool up their efforts to extend help to the not



" Alone we can do so little, together we can do so much..."

so privileged sections of the society. It is because if we are privileged with what we have it's our duty to share a part of it. On 22nd September, 2019, the cadets of SXCNCC visited the children of Baghbazar Ghungur Cultural Foundation and spent a day with the children of the organization. Various interactive sessions, games, cultural, programs, as well as presents were organized by the cadets for the children. As we lost ourselves amidst the children, we found our own happiness in their smiles.

"After this pandemic, the journey from lockdown to unlock is the journey from parade grounds to online classes."

2020 has been an odd and beleaguered year for humanity.

The threat of COVID-19, the nationwide lockdown made it more challenging for SXCNCC to conduct regular Sunday Parades inside the college campus. From the Reporting Call "Cadets fall in" at sharp 8:15 to marching in formation to the AV Room post on-field training to attend sessions seemed like a mirage in this crisis. But the journey has something else to advocate. In no time SXCNCC started Online Sunday Parades, ensuring non-stop escalation to the apex of knowledge. From discussions on national and international affairs to syllabus studies, every Sunday has groomed Cadets to become more erudite. At the end of the day, we are eagerly waiting to be back on the grounds and resume experiencing what it takes to be a NCC Cadet with the commands and the sounds of boots striking the ground in unison.

Atmanirbhar Bharat, which translates to 'Self-reliant India', is a policy formulated by Prime Minister of India, Narendra Modi for making India "a bigger and more important part of the global economy". Different policies have been adopted that are efficient, competitive, self-sustaining and selfgenerating for the running of this campaign. The first mention of this came in the form of the 'Atmanirbhar Bharat Abhiyan' or 'Self-Reliant India Mission' during the announcement of India's COVID–19 pandemic related economic package on 12th May, 2020.

SXCNCC with its young cadets sitting at safe corners of their



houses have promoted the campaign through their social media posts, write-ups and creative contents in form of videos and graphics. The society's creative team worked hard and has made efforts to spread awareness about the Atmanirbhar Bharat Abhiyan.

Independence Day, 2020

In the academic year 2019-20, we saw a lot of ups and downs in SXCNCC as well. The regular events which take place every year did not execute in the same manner. For Independence Day Celebration in 2020 after the pandemic and lockdown, it was the first offline event in Unlock 1. A notice arrived and some interested cadets joined in to give themselves a try. With limited resources and few practice sessions, the SXCNCC Society organized a flag hoisting ceremony with a ceremonial Guard of Honor but without arms and a lot of protocols had to be followed. A contingent of only seven NCC cadets





Rev. Fr. Dominic Savio, S.J., Addressing the Crowd St. Xavier's College NCC Guards paying tribute to National Flag

performed the Guards with CSUO Muskan Gupta as the Guard Commander.

The story is about a boy who never gave up..... just never gave up.

Cadet Aakash Yadav was one such ambitious young man who was packed with enthusiasm, confidence and brimming with energy and self belief. He joined SXCNCC in July 2019. But his dreams weren't confined only to the gates of St. Xavier's college. At age 13, the young boy had promised his alma mater Sainik School Purulia, that he won't leave a stone unturned in his preparation to join the National Defence Academy. Since that day, the teenager went on to shape himself into a young soldier. He fought every difficulty in life, be it getting declared medically unfit for the army or to fall short of few numbers at the written examination. He worked hard, day and night for what he believed he is capable of. He developed himself physically and mentally, faced every other challenge with chest wide open and finally achieved his goal with AIR 170 in the final merit list of 144th course at the prestigious National Defence Academy Khadakwasla, Pune on 14th of September 2020. Looking back on himself, the young soldier would realize that the journey has transformed him into a more responsible, confident, and sorted young man and has defeated the biggest fear of his life that is to fail none but himself. SXCNCC will always remember Aakash as an inspiring story and with his words that "every moment is a once in a lifetime opportunity ".





Sports

An action packed calendar commencing in July 2019 cruelly cut short in the last quarter of the year by the pandemic which engulfed us, propelled the Department into a whole new world of cyberspace. Fields replaced by virtual platforms, our students found ingenious ways of continuing activities and using computer applications to conduct events. Our Basketball, Cricket and Hockey season was totally annihilated but the rest of the year threw up splendid performances and achievements thanks to the hard work of the students, College team captains, coaches and grounds men. Our Sports Secretaries: Shankarshan Banerjee (B.Com. Morning), Sayantan Chandra (B.Sc.) and Trisita Dey (B.Com. Evening) along with our Raghabpur Campus Sports Secretaries: Chandrima Biswas and Soumyajit Halder led the Sports Committee in an able fashion and ensured that all Inter-Department tournaments and College teams were well managed. Our College teams performed creditably in various varsity tournaments and went on to represent Calcutta

University in the East Zone and All India tournaments.

The pandemic aside, this was a year of firsts on other fronts too. For the first time the Department of Sports conducted the Annual Sports at our rural campus in Raghabpur. Our maiden venture on Saturday 8th February 2020 saw staff and students of both campuses working together and a detailed report appears elsewhere in this publication.

Another once in a life time event conducted by our College was when we were called upon by the Education Directorate, Department of Higher Education, Government of West

Bengal: to be the "Host College" for the Inter College State Sports and Games Championship 23-29 February 2020. This week long State level tournament contested by over six hundred athletes from nineteen districts involved moving man and machinery at the Sports Authority of India. Staff members with over a hundred students successfully pulled of this extravaganza and a detailed report features elsewhere in this magazine. Our students have played the game in the truest spirit and many have gone on to represent West Bengal and Calcutta University. Our teams have won trophies and participated in numerous Inter-College events and festivals. Our Hockey and Basketball men and womens teams continue to play under the banner of the Xaverians Club in various District and State level tournaments.

On 8th August the Sports Department organised a Seminar-"Sports Management- An Emerging Field of Study"; Guest Speakers, Xaverian Anuj Kichlu and Sukhvinder Singh, CEO FC, Goa enthralled over 150 students with their interesting presentations.

Our Sports Committee swung into action from day one and kicked off activities for the year with great enthusiasm and commitment. The following Inter Department competitions were held on and off campus

11 a Side Football (Men)	11 a Side Football (Women)
Chess (Mixed)	Sports Quiz
Table Tennis (Men)	Table Tennis (Women)
Badminton (Men)	Badminton (Women)
Aquatics (Men)	Aquatics (Women)
Rowing (Mixed)	Carroms
Basketball (Men)	Basketball (Women)
5 A Side Football (Men)	5 A side Football (Women)
Inter Dept Football Raghabpur Campus	Inter Dept Table Tennis Raghabpur Campus
Annual Sports	Annual Sports Raghabpur Campus
Half Court 3 A side Basketball	Volleyball (Men)
Throw ball (Women)	Cricket (Men) IncompleteCricket (Women)
Incomplete	Squash

With the Lockdown 2020 confining us to our homes the Sports Department strived to keep the students positively engaged. Motivating them to plan and execute online events along with their regular classes was challenging. Kudos to all the students who rose to the occasion and ensured that the Sports Department was buzzing with some activity.



LOCKDOWN EVENTS

18th May – 29th June

In the midst of a pandemic, where Xaverian Sportspersons are not able to move out of their homes for their individual/group practices, taking a new initiative, the Department of Sports started off with its online fitness classes to ensure that they keep up with their daily fitness.

4th June 2020

The Department of Sports organized a virtual seminar via Zoom Meeting on the topic, Restarting Team Training With Social Distancing to spread awareness, inform the Xaverians about the rules of the new world and to ensure that the students stay safe.

7th June 2020

Department of Sports organized an online chess tournament, SXC LOCKDOWN ONLINE CHESS CHAMPIONSHIP, for the students of the Main Campus, where Saptorshi Gupta B.SC. III won the tournament, followed by Shinjini Sengupta B.Com (E) I and Sayantan Chandra B.SC. III.

• 16th & 18th June 2020

Sports Department in Association with the SXC Students Council conducted XPL Online Quiz in which the Prelims were conducted on 16th June and the Finals were conducted on 18th June from 5pm onwards and was live streamed on Facebook.

• 17th August 2020

Department of Sports organized an Online Inter-Department Chess Competition, for the students of the Raghabpur Campus.

• 15th September 2020

Sports Orientation for the first-year students who got admission on the basis of Sports Quota, conducted via Zoom Meeting.

25th & 28th September 2020

On the 25th and 28th September, 2020, a virtual seminar was conducted over a zoom platform by our eminent keynote speakers Mr. Vinit Mathew Baptist and Mr. Shatadru Dutt. The seminar was based on the importance of strength and conditioning for athletes in every field. Alongside a powerful presentation, Mr. Baptist held an interactive query session with the athletes, also conducting dynamic exercises with them.

17th October 2020

Department of Sports organised an Online Sports Quiz for the students of the College where over 40 teams participated.

• 7th & 10th November 2020

Department of Sports, St. Xavier's College, Kolkata conducted Team Challenge for the students of the various College Teams.

21st November 2020

Department of Sports, St. Xavier's College, Kolkata conducted a virtual seminar on Sports Management and its opportunities conducted by guest speakers from the Xaverian Family: Anuj Kichlu, Harsh Gurnani and Arjun Ghose via zoom meeting and was live streamed on youtube. Over 600 students registered for the same.

Regular meetings and interactions with students were conducted online after class hours and students are continuously thinking of newer ideas to keep the community active till we all are back on campus.

A number of our College teams participated and performed well in the Calcutta University Inter College tournaments bring great glory to the College. Below are the results of the students great effort:

126



NAME	DEPARTMENT	YEAR	SPORT	ACHIEVEMENT
Preetisha Ghosh Ritoja Mukherjee Soumyadeep Sarkar	B.A. B.A. B.SC	3RD YEAR 2ND YEAR 2ND YEAR	SWIMMING SWIMMING SWIMMING	SXC WOMENS TEAM EMERGES OVERALL CHAMPIONS IN CALCUTTA UNIVERSITY INTER - COLLEGE SWIMMING Preetisha Ghosh. B.A. III : 50M, Backstroke- 1st, 100m Backstroke - 3rd, 200M Backstroke - 2nd Ritoja Mukherjee B.A II : 100m Butterfly-2nd, 50m Butterfly- 3rd, 200m Butterfly-1st and 200m Individual Medley- 3rd. Soumyadeep Sarkar B.SC. II : 50m Breast Stroke 2nd and 100m Breast Stroke 3rd
Ashmita Bhattacharjee	B.SC	1ST YEAR	BADMINTON	
Ankita Bothra	B.SC	2ND YEAR	BADMINTON	
Nandini Agarwala	B.COM(E)	2ND YEAR	BADMINTON	
Aarushi Jain	PLSA	1ST YEAR	BADMINTON	College teams participated in Calcutta University
Subhradeep Das	B.SC	3RD YEAR	BADMINTON	Inter College Badminton for Men and Women at
Swarnendu Das	B.A.	1ST YEAR	BADMINTON	Konnagar Nabogram Samity, Hoogly.
Manav Malhotra	BMS	2ND YEAR	BADMINTON	
Soham Majumder	B.SC	2ND YEAR	BADMINTON	
Ayaan Jawed	B.COM(E)	2ND YEAR	BADMINTON	
Debarshi Chakravarty Neelam Jyoti Bhardwaj Sandip Chakravarty Soham Ganguly Yash Singhania	B.SC B.A. B.SC B.SC B.COM	3RD YEAR 3RD YEAR 1ST YEAR 1ST YEAR 1ST YEAR	TABLE TENNIS TABLE TENNIS TABLE TENNIS TABLE TENNIS TABLE TENNIS	SXC Men's Table Tennis Team emerge Runners Up in the Calcutta University Inter College Table Tennis tournament.
Micah Peters	B.COM(M)	3RD YEAR	FOOTBALL	
Faizan Aslam	B.COM(M)	3RD YEAR	FOOTBALL	
Donnawyn Anthony Sayvell	BAGG	3RD YEAR	FOOTBALL	
Aayush Kumar Saraf	B.COM(M)	3RD YEAR	FOOTBALL	
Clive Bacon	BAGG	2ND YEAR	FOOTBALL	
Ashish Barwa	B.COM(M)	2ND YEAR	FOOTBALL	
Aritra Roy	B.COM(M)	2ND YEAR	FOOTBALL	College Football team participates in Calcutta
Ankur Roy	B.SC	2ND YEAR	FOOTBALL	University Inter College Football and reached the
Varun Anklesaria	B.COM(M)	1ST YEAR	FOOTBALL	Semi Finals of this eighty team Knock Out
Nathan Gerald Simone	BAGG	1ST YEAR	FOOTBALL	Tournamnet.
Ricardo Gomes	MCVA	1ST YEAR	FOOTBALL	
Vikrant Krishnan	MCVA	1ST YEAR	FOOTBALL	
Ayush Yadav	B.COM(M)	1ST YEAR	FOOTBALL	
Shubhodeep Das	M.COM	1ST YEAR	FOOTBALL	
SaharshJIndal	B.SC	1ST YEAR	FOOTBALL	
Romario Angelo Topno	B.COM(M)	1ST YEAR	FOOTBALL	
Brinsley Murray	B.A.	1ST YEAR	FOOTBALL	



NAME	DEPARTMENT	YEAR	SPORT	ACHIEVEMENT
VanshikaTantia	B.SC	3RD YEAR	ROWING	VanshikaTantia B.SC III, Sanjana Ghosh B.A. III,
Sanjana Ghosh	B.A.	3RD YEAR	ROWING	Anushka Kar B.A. III and Mahima Dey, M.SC. I won the INTER-COLLEGE ROWING CHAMPIONSHIP ORGANISED BY THE BENGAL ROWING CLUB.
Anushka Kar	B.A.	3RD YEAR	ROWING	Mahima Dey, M.SC. I won Silver and Anushka Kar B.A. III won Bronze in the INTER-COLLEGE
Mahima Dey	M.SC	1ST YEAR	ROWING	INDOOR ROWING CHAMPIONSHIP ORGANISED BY THE BENGAL ROWING CLUB.
Ankit Roy	B.COM(E)	2ND YEAR	ROWING	Ankit Roy B.COM (E) II, Setaur Rahaman BAGG II, Supratim Pal B.SC. II and Sanglap Bose B.A. I won
SetaurRahaman	BAGG	2ND YEAR	ROWING	Silver in the INTER-COLLEGE ROWING CHAMPIONSHIP ORGANISED BY THE BENGAL
Supratim Pal	B.SC	2ND YEAR	ROWING	ROWING CLUB. Sanglap Bose B.A. I won Silver in the INTER-COLLEGE INDOOR ROWING CHAMPIONSHIP ORGANISED BY THE BENGAL
Sanglap Bose	B.A.	1ST YEAR	ROWING	ROWING CLUB.





The following students of the Outgoing Batch of 2019-20 represented the College in their Sport for three years during their stay in St. Xavier's College and we are grateful to them for the long hours they have spent in training and competitions. Outstanding talent by some of the students: Devesh Jasnani BSc III who represented the College in Hockey,

Athletics and Basketball with splendid performances along with Harris Elias from B Com Morning who wore the College colours in Hockey, Football and Cricket, and Faizan Aslam who played Football and also represented the College in Athletics, were the feathers in our cap and we salute their talent and duty given to the College.

PREETISHA GHOSH	ENGA	SWIMMING
REMOSMITA PODDER	B.SC	SWIMMING
AKANKSHYA BHUYAN	ENGA	TABLE TENNIS
DEBARSHI CHAKRABORTY	STSA	TABLE TENNIS
NEELAM JYOTI BHARADWAJ	PLSA	TABLE TENNIS
MICAH ANIMESH PETERS	B.COM(M)	FOOTBALL
SWARNANIL BHATTACHRYA	PLSA	FOOTBALL
MANISH ROZER SHAH	B.COM(M)	FOOTBALL
DONNAWYN ANTHONY SAYVELL	BAGG	FOOTBALL
NINO NIMANG BOMJAN	B.A.	FOOTBALL
STEFFISAMUEL	BMS	FOOTBALL
SHANNON CHATER	B.A.	FOOTBALL
ANGELY SHOHE	BAGG	FOOTBALL
ROHIT JOHN SORENG	B.COM(M)	FOOTBALL
SHARON SUNDAS	BAGG	FOOTBALL
SHANIA KINGHAM	BAGG	FOOTBALL
FAIZAN ASLAM	B.COM(M)	FOOTBALL & ATHLETICS
SUVAM GOMES	B.COM(M)	ATHLETICS
MEHAK GURUNG	BAGG	BASKETBALL
TIYASHA CHATTERJEE	BNGA	BASKETBALL
MAGNOLIA BANDOPADHYAY	BAGG	BASKETBALL
VANSHAM SINGH GURUNG	B.COM(M)	BASKETBALL
PARMESH AGARWAL	B.COM(M)	BASKETBALL
ZUBIN A. KUJUR	B.COM(M)	BASKETBALL
DANIEL ZOMUANA BAJAJ	B.COM(M)	BASKETBALL
DIVYANT BHARWADA	B.COM(M)	BASKETBALL
NAVNEET DHANRAJ	B.COM(M)	BASKETBALL
DEVESH JASNANI	ECOA	BASKETBALL, HOCKEY, ATHLETICS
VISHESH MEHRA	B.COM(M)	HOCKEY
MANISH KUMAR YADAV	PLSA	HOCKEY
HAARIS ELIAS	B.COM(M)	HOCKEY
KASHIF KAMRAN	B.COM(E)	CRICKET
ARCHITSHAH	BAGG	CRICKET
AYAN HALDAR	B.COM(RGB)	CRICKET
SAPTORSHI GUPTA	ECOA	CHESS
SAYANTAN CHANDRA	MCVA	CHESS
ANUSHKA KAR	SOCA	ROWING
VANSHIKA TANTIA	STSA	ROWING
SANJANA GHOSH	SOCA	ROWING
SHANKARSHAN BANNERJEE	B.COM(M)	RUGBY
NANDINIAGARWALA	B.COM(E)	BADMINTON
ANANNYA EVANGELIN TIGGA	B.COM (E)	BADMINTON
SOBHRAJ DAS	B.A.	BADMINTON



Each year our students make us proud by making it to the Calcutta University Team overcoming great hurdles. A number of our students won medals at the East Zone and All India Level. Following is a brief of the students achievements.

NAME	DEPARTMENT	SPORT	EVENT	RESULT
SAPTORSHI GUPTA	B.SC III	CHESS	REPRESENTED CU FOR THREE YEARS	
			CAPTAINED CU IN: EAST ZONE INTER-UNIVERSITY	STOOD 2 ND
			CHESS(MEN) ALL INDIA NATIONAL UNIVERSITIES	INDIVIDUALLY WON 3 RD PRIZE IN BOARD 1
		CHECC	CHAMPIONSHIP 2019	
SAYAN BANIK	B.COM(M) II	CHESS	REPRESENTED CU IN: EAST ZONE INTER-UNIVERSITY CHESS(MEN)	STOOD 2 ND
			ALL INDIA NATIONAL UNIVERSITIES CHAMPIONSHIP 2019	PARTICIPATION (SCORED 2.5 OUT OF 3)
SHINJINI SENGUPTA	B.COM(E) I	CHESS	REPRESENTED CU IN: EAST ZONE INTER UNIVERSITY CHESS(WOMEN)	STOOD 1 ST
			ALL INDIA UNIVERSITY NATIONAL TOURNAMENT	PARTICIPATION
ABHILASHA	B.COM(E) I	CHESS	REPRESENTED CU IN EAST ZONE INTER	STOOD 1 ST
BHATTACHARYA			UNIVERSITY CHESS (WOMEN)	
AKANKSHYA BHUYAN	B.A.III	TABLE TENNIS	REPRESENTED CU IN: EAST ZONE INTER UNIVERSITY TABLE TENNIS CHAMPIONSHIP 2019	
			ALL INDIA INTER UNIVERSITY TABLE TENNIS CHAMPIONSHIP 2019	STOOD 1 ST
			KHELO INDIA UNIVERSITY GAMES 2020	
PREETISHA GHOSH	B.A.III	AQUATICS	REPRESENTED CU IN ALL INDIA INTER UNIVERSITY AQUATICS	
RITOJA MUKHERJEE	B.A.II	AQUATICS	REPRESENTED CU IN: ALL INDIA INTER UNIVERSITY AQUATICS	PARTICIPATED IN 50M, 100M, 200M BUTTERFLY, 4X100M MEDLEY RELAY AND 4X200M FREESTYLE RELAY.
			KHELO INDIA UNIVERSITY GAMES	PARTICIPATED IN 4X200 M FREESTYLE RELAY AND 4X100 MEDLEY RELAY
ANKUR ROY	B.SC II	FOOTBALL	REPRESENTED CU IN: AIU EAST ZONE INTER UNIVERSITY	
			ALL INDIA INTER UNIVERSITY FOOTBALL	STOOD 2 ND
				PARTICIPATED



SWARNENDU DAS	B.A. I	BADMINTON	REPRESENTED CU IN:	
			EAST ZONE INTER UNIVERSITY	
			BADMINTON TOURNAMENT	STOOD 2 ND
			ALL INDIA INTER UNIVERSITY	PARTICIPATED
			BADMINTON TOURNAMNENT	
			KHELO INDIA UNIVERSITY GAMES	PARTICIPATED
	D CC III			STOOD 2 ND
SUBHRADEEP DAS	B.SC III	BADMINTON	REPRESENTED CU IN:	STOOD 2
			EAST ZONE INTER UNIVERSITY	
			BADMINTON TOURNAMENT	
				PARTICIPATED
			ALL INDIA INTER UNIVERSITY	
			BADMINTON TOURNAMNENT	
				PARTICIPATED
			KHELO INDIA UNIVERSITY GAMES	
ASHMITA	B.SC I	BADMINTON	REPRESENTED CU IN THE EAST ZONE	
BHATTACHARJEE			INTER UNIVERSITY BADMINTON	PARTICIPATED
DINTINGINAUEL			TOURNAMENT.	
SK. FAIZAN	BAGG II	НОСКЕУ	REPRESENTED CU IN THE AIU EAST ZONE	
SK. FAIZAN	BAGGII	HUCKET		
			INTER UNIVERSITY HOCKEY(MEN)	PARTICIPATED
			TOURNAMENT	
MANISH YADAV	B.A. III	HOCKEY	REPRESENTED CU IN THE AIU EAST ZONE	
			INTER UNIVERSITY HOCKEY(MEN)	PARTICIPATED
			TOURNAMENT	
KHALID ANSARI	BAGG II	HOCKEY	REPRESENTED CU IN THE AIU EAST ZONE	
			INTER UNIVERSITY HOCKEY(MEN)	PARTICIPATED
			TOURNAMENT	
ABHIMANYU	BMS I	HOCKEY	REPRESENTED CU IN THE AIU EAST ZONE	
PATHAK			INTER UNIVERSITY HOCKEY(MEN)	PARTICIPATED
			TOURNAMENT	
SANGLAP BOSE	B.A.I	ROWING	REPRESENTED CU IN ALL INDIA INTER	
SANGLAF DOSL	D.A.I	NOWING	UNIVERSITY ROWING CHAMPIONSHIP	PARTICIPATED
	D CC III	DOMUNIC		FARTICIPATED
VANSHIKA TANTIA	B.SC III	ROWING	SELECTED CU IN ALL INDIA INTER-	
			UNIVERSITY ROWING CHAMPIONSHIP	PARTICIPATED
ANUSHKA KAR	B.A.III	ROWING	SELECTED CU IN ALL INDIA INTER-	
			UNIVERSITY ROWING CHAMPIONSHIP	PARTICIPATED
MAHIMA DEY	M.SC I	ROWING	SELECTED CU IN ALL INDIA INTER-	
			UNIVERSITY ROWING CHAMPIONSHIP	PARTICIPATED
SUCHETAN	B.COM(M) I	CRICKET	REPRESENTED CU IN THE INTER	STOOD 1 ST
MAJUMDAR	. ,		UNIVERSITY T20 TOURNAMENT	
SHARMIK	B.COM(M) I	CRICKET	REPRESENTED CU IN THE INTER	STOOD 1 ST
BANERJEE	2.22		UNIVERSITY T20 TOURNAMENT	
VANSHAM SINGH	B.COM(M) I	BASKETBALL	REPRESENTED CU IN THE AIU EAST ZONE	
	B.COIVI(IVI)	DAJNETDALL		
GURUNG	D. 000 (1 1) 1		INTER UNIVERSITY BASKETBALL(MEN)	PARTICIPATED
AMAN KUMAR	B.COM(M) I	BASKETBALL	REPRESENTED CU IN THE AIU EAST ZONE	
			INTER UNIVERSITY BASKETBALL(MEN)	PARTICIPATED
ANSHUL ABHISHEK	B.COM(M) I	BASKETBALL	REPRESENTED CU IN THE AIU EAST ZONE	
			INTER UNIVERSITY BASKETBALL(MEN)	PARTICIPATED
ANIRUDH	B.A. II	BASKETBALL	REPRESENTED CU IN THE AIU EAST ZONE	
MUKHERJEE			INTER UNIVERSITY BASKETBALL(MEN)	PARTICIPATED
PARMESH	B.COM(M) II	BASKETBALL	REPRESENTED CU IN THE AIU EAST ZONE	
AGRAWAL	2.00.000/00/0	Driver Drieb	INTER UNIVERSITY BASKETBALL(MEN)	PARTICIPATED
	B.A.II	DACKETDALL	1	TANTOFALD
MAGNOLLIA	D.A.II	BASKETBALL		
BANDHOPADHYAY				PARTICIPATED
			BASKETBALL(WOMEN)	
			REPRESENTED CU IN THE ALL INDIA	



TIYASHA	B.A.III	BASKETBALL	REPRESENTED CU IN THE EAST ZONE	
CHATTERJEE			INTER UNIVERSITY	
			BASKETBALL(WOMEN)	
			REPRESENTED CU IN THE ALL INDIA	PARTICIPATED
			INTER-UNIVERSITY	
			BASKETBALL(WOMEN)	
HEENA KRIPALANI	B.SC II	BASKETBALL	REPRESENTED CU IN THE EAST ZONE	
			INTER UNIVERSITY	
			BASKETBALL(WOMEN)	PARTICIPATED
			REPRESENTED CU IN THE ALL INDIA	
			INTER-UNIVERSITY	
			BASKETBALL(WOMEN)	
SIMRANJEET KAUR	B.A.II	BASKETBALL	REPRESENTED CU IN THE EAST ZONE	
			INTER UNIVERSITY	
			BASKETBALL(WOMEN)	PARTICIPATED
			REPRESENTED CU IN THE ALL INDIA	
			INTER-UNIVERSITY	
			BASKETBALL(WOMEN)	









HIGHLIGHTS OF STUDENTS ACHIEVEMENTS

- 7-8 Sep 2019, Mahima Dey B.SC. M.Sc I and Sanglap Bose B.A. I participated in the Rowing Federation of India Indoor Rowing Nationals. Mahima Dey won silver medal in the 2000m Pairs.
- 4 to 13 Oct 2019, Varun Gandhi B.Com. (E) Sem I and Chinmay Jain BCom (M) Sem III represented West Bengal in Cricketin the U19 Vinoo Mankad Tournament held in Surat.
- 9 th 13 th Sept 2019, Saptorshi Gupta B.SC. III participated in Bengal Senior State Chess Championship and occupied the 13 th position.
- 6 th 7th Sept 2019, Sports Department in Association with the SXC Students Council conducts XPL in Football, Table Tennis.

New College Record: For the first time a student of the College, ANKUR ROY, B.SC. II represented Calcutta University in Football winning Silver medal in the AIU East Zone Inter University held in Ravenshaw University, Cuttack, Odisha thereby qualifying for the All India Inter University Football too.

21st – 28th Dec 2019, Heena Kripalani B.SC. II represented Bengal in 70th National Basketball Championship held at Ludhiana,

8 Jan 2020 Inter College DISTRICT ATHLETICS Medallists:

- Angshuman Ghosh BMS III won Bronze Medal in 100m with a timing of 12.10 sec
- Yash Beriwal B.Com(M) II won Bronze Medal in 200m
- Abuzar Khan B.Com(M) I won Silver Medal in Shot Put with 9.76m and
- Silver Medal in Discuss Throw with 29.81m

Mihira Singh B.A.I won Bronze Medal in Shot Put

We express our immense gratitude to our Principal, Rev Dr. Dominic Savio under whose guidance we could achieve so much. We thank all our Vice Principals, Deans and Staff members for their continued support and assistance. It is our grounds men, coaches, old students and office bearers of various sporting associations in the city who continuously encourage us in all our endeavours for which we are grateful and due to whom our sporting calendar is vibrant. We pray that we can put the pandemic behind us in the coming year so that the Department of Sports can continue it on field activities at the earliest.

















-XAVERIAN 2021



The Students' Council



The Students' Council of St. Xavier's College (Autonomous) Kolkata for the academic year of 2019-20 assumed office on the 28th of July, 2019. The Annual General Meeting of the Students' Council was held on 27th July, 2019. Rev Dr Dominic Savio, SJ, Principal, St. Xavier's College, Kolkata chaired the meeting as the President of the Council. The AGM was attended by 118 Class Representatives from various departments and 11 Society Secretaries. The members met to elect the General Secretary, Assistant General Secretary, along with 10 Working Committee Members. Following are the current members of the Council: filled with numerous admirable occasions and tournaments. The Students' Council, in alliance with the SXCCAA, organized Teachers' Day on the 5th of September, 2019, having the Governor of West Bengal, Hon'ble Shri Jagdeep Dhankhar, as the Chief Guest. The felicitation programmewas followed by a cultural programme organized by XADAM. The SXCSC carried forward the sports' tradition by collaborating with the Department of Sports of St. Xavier's College in organizing the annual Xavier's Premier League on the 6th and 7th of September, 2019, opening horizons for the sports enthusiasts, encouraging and rewarding them for the same. The award for the most popular team category was dedicated and honoured in remembrance of a demised fellow Xaverian, Hrisheek

Koley.

The Kolkata District Youth Parliament, 2019, held on the 17th of September, which was sponsored by the Department of Parliamentary Affairs and Higher Education, Government of West Bengal, was smoothly coordinated by the Students' Council, concluding the event successfully. The event was dignified in the presence of the Director of Public Instruction, Govt of West Bengal, Joint DPIs and heads of various participating institutions. 20 colleges around the city took part in the event, with around 450 participants. SXCCAA and the Students' Council actively organized the Annual Christmas Meet, on 20th December, 2019, that was graced by the

President: Rev Dr Dominic Savio, SJ

Deputy President: Prof. Romit Beed

Vice-Deputy Presidents: Prof. Ritendra Roy, Prof. Soma Nath, Prof. Sougata Banerjee

General Secretary: Rishi Basu [Microbiology]

Assistant General Secretary: Shivani Rastogi [Management studies]

Working Committee Members: Gaurab Aditya Dhar (P. G.), Indranil Palit (B. Sc), Jivraj Singh Sachar (B. Com, M), Manav Bajoria (B. M. S.), Prakash Chowdhury (B. Sc), Subhangi Roy (B. A.), Shriraghav Bhattar (B. Com, M), Mohit Agarwal (B. Com, E), Steven Richmond Collins (B. Ed), Ujjwal Agarwal (B. Com, E).

The Students' Council's active and enthusiastic involvement in organizing events led to a year





Hon'ble Chief Minister, Smt. Mamata Banerjee. The event ended with prayers for hope and glee. SXCCAA in collaboration with the Students' Council organized a Silent March on December 30, 2020, to stand in solidarity with the Students of JMI and AMU. Students, staff and alumni members of the college participated in the silent march.

The Students' Council organized the most celebrated event of St. Xavier's College (Autonomous), Kolkata - a three-day annual extravaganza



celebrated in the heart of the campus - 'Xavotsav', 2020, with the theme 'Picturing Paradise'. Prior to this, 'X-tacy,' a twoday preliminary event, was organized on the 11th and 12th of January. Reputed as the biggest college fest of the city, Xavotsav this year hosted multiple events, bringing in some of the most celebrated guests and performers like Ritviz, Sukriti and Prakriti Kakar, Biswa Kalyan Rath, among others, inviting a crowd over 30,000 heads, with 48 colleges from all over India participating. SXCSC also participated in reputed inter-college fests like "Umang" of Bhawanipore Education Society College, "Samagam" of Loreto College, "Invictus" of JD Institute, "Udaan" of Ashutosh College, Kolkata, "IBTIDA" of Jadavpur University, among various others, where the college secured prizes in many events. Following this, in February 2020, SXCSC along with the Department of Sports, SXC successfully organized the prestigious "Inter College State Sports and Games Championship" under the auspices of the Education Directorate, Department of Higher Education, Government of West Bengal, from February 24th to 29th, 2020 at the Sports Authority of India complex.19 districts participated in the event which comprised of Football, Athletics and Kho-Kho. In the ongoing virtual normalcy, the Students' Council with the Department of Sports, SXC organised an Online Sports Quiz, that saw the active involvement and participation of students from the college, driven by the zeal of intellectual challenges.

The Council wholeheartedly supported the various relief initiatives undertaken by SXCCAA for Umphan and COVID by



encouraging the students to actively contribute towards the cause. Under the guidance of the President, Deputy President and the Vice Deputy Presidents, the Students' Council of St. Xavier's College continues to show its dedication for the welfare of the students' community in the college and their zeal and their commitment to achieve new heights.



The Xaverian Academy of Dance and Music (XADAM)

The Xaverian Academy of Dance and Music (XADAM) has not only performed throughout the academic year of 2019-2020 but also triumphed the challenges put forth by the worldwide pandemic and the consequential virtual medium of communication. It continues to induce cultural interest in students. The student body, thoroughly guided by Director Prof. Sujata Pakrashi Lahiri, coordinated and rigorously planned multiple online events and adapted itself to the new normal. XADAM has shifted its base to the virtual platform.

The Xaverian Academy of Dance and Music conducted numerous activities and performances throughout the year 2019-2020 and they are as follows:

YOUTH PARLIAMENT

On 17th September 2019, St. Xavier's College (Autonomous) Kolkata hosted an Youth Parliament where the members of the XADAM Choir team presented an inaugural song performance.

Lecture Demonstration on Performing Arts: A Lecture Demonstration on Performing Arts was held for the visiting students of Macquarie University on 19th September, 2019.

GOONJ'19

It is the annual event organized by XADAM. It is an amalgamation of performances showcasing the immense talents and competitive spirit of students of St. Xavier's College (Autonomous) Kolkata and also that of the other eminent colleges of the city. It is the celebration of imagination and presentation and serves as a great platform for flourishing creativity. We celebrated the Tenth Edition of Goonj on Sunday, 29th September, 2019. The theme for this year's production was "The 10th Rasa...Navarasa and beyond".

JHEASA Conference

JHEASA (Jesuit Higher Education Association South Asia) Conference was held in St. Xavier's College on 6th October, 2019. The XADAM dance and choir team put up an inaugural performance.

THE THIRD BELL

On 4th November, 2019, XADAM in collaboration with XTS presented an inaugural musical performance in 'The Third Bell'.

CONVOCATION AND VALEDICTORY

On 16th and 18th January, 2020, the XADAM dance and choir team performed on the occasion of Convocation and Valedictory.

XAVOTSAV

On 22nd January, 2020, members of the XADAM choir team presented an inaugural song performance to mark the beginning of the annual college fest, Xavotsav.

Shishu Mela: XADAM in collaboration with the Department of Social Work and NSS presented dance and song performances on the occasion of Shishu Mela on 16th February, 2020.

KOBI PRONAM

On 15th May, 2020, amid the worldwide pandemic, members of XADAM virtually celebrated the birth anniversary of Rabindranath Tagore through dance and music. Videos of the





participants performing were collated together and then published from the official Facebook page of St. Xavier's College (Autonomous), Kolkata.

QUARANTINE DIARIES



While still being in quarantine the members of XADAM came up with a virtual dance performance that was published on June 3rd 2020, from the official Facebook page of St. Xavier's College(Autonomous), Kolkata.

INTERNATIONAL DAY OF YOGA



XADAM in collaboration with the Department of Social Work and NSS virtually observed the International Day of Yoga. A video of members performing several Yoga poses was published from the official Facebook page of St. Xavier's College(Autonomous), Kolkata.

INDEPENDENCE DAY

XADAM in collaboration with NCC virtually performed on the auspicious occasion of 74rd Independence Day. The XADAM dance and choir team prepared a virtual music and dance performance with a patriotic endeavor. A video, collated and



edited, of the same was published from the official Facebook page of St. Xavier's College (Autonomous), Kolkata.

TEACHERS' DAY

In a bid to pay tribute to teachers the members of XADAM dance and choir teams took to virtually celebrate Teacher's



Day on 5th of September 2020. A video, collated and edited, of the same was published from the official Facebook page of St. Xavier's College (Autonomous), Kolkata.

XADAM AUDITIONS

The existing members of XADAM held the Dance and Choir auditions virtually from 28th November 2020 - 30th November, 2020.

Winter Chimes - The Virtual Rooftop Concert: On 30th November 2020, XADAM presented its virtual rooftop concert where students of St. Xavier's College(Autonomous), Kolkata showcased their talents in music, dance and poetry. Videos, collated and edited, of the same were published from the official Facebook page of XADAM.





scheduled to be held online and in the first week of February tentatively.

Spring Rooftop Concert: Like Winter Chimes, XADAM plans to organise yet another virtual concert where the artists will present and share their art with all other students. This event is scheduled in the month of February tentatively.

Intradepartmental competition: XADAM plans on organising an online competition where departments of the college will compete against each other. It'll be held in the end of February tentatively.

UPCOMING EVENTS

XADAM Orientation: Like every year, this year the fresh batch of dancers and musicians will be welcomed in the society. It is

The Xaverian Theatrical Society (XTS)

The Xaverian Theatrical Society that had begun its journey since 1931, is presently committed to refurbishing itself and strengthening the vigour and ethos of theatre through the sheer devotion and active participation of its members to promulgate the telling attributes of the art. Following is a brief account of the endeavors that have been dedicated towards the fulfilment of this ambitious pledge. This report includes a documented reference of the events initiated by the society through the academic year 2019-2020.

Auditions 2019 (09.08.19 and 24.08.19)

The journey of theatre began with the fresh recruitments for the new academic year 2019-20. The auditions procedure was successfully convened at the R. K. Hall on the first day and at the Jubilee Hall on the second day of the auditions. After the auditions 163, new members were added to the existing society based on their performance skills. The fields included acting, singing and playing instrumentals, dancing, scriptwriting, production design, graphic design, photography, corporate communication, and public relations.

A Street Play on "Say No to Substance Abuse" (23.09.19)

This street play in collaboration with NSS passed as the first event of the year. This was aimed at addressing the societal issue of substance abuse prevalent within the youth and was exhibited within the college grounds thrice during the span of the day.

The Third Bell (04.11.19)

Following the street play the next stride was towards stage plays. The Third Bell in collaboration with Xaverian Academy of Dance and Music (XADAM) staged a theatrical extravaganza featuring an anthology of ten short plays under "Take Ten", "Nana Ronger Din" and a Panel Discussion on the pertinent issue of 'Need of ethics for ensuring a safe space in theatre' which was graced by eminent personalities like Anirban Bhattacharya, Tathagata Choudhury, Rwitobroto Mukherjee and Professor Ananda Lal.



XAVOTSAV (22.01.20, 23.01.20 and 24.01.20)

As the functional theatrical branch of the college, the members of XTS participated in the theatrical events of XAVOTSAV that included Stage Play, Ad Spoof, Street Play and Radio Drama. The members didn't just participate but bagged the first prize for Stage Play, the second prize for Street Play and Character Representation and the first prize for Ad Spoof.

Auditions 2020 (19.12.20 and 20.12.20)

With the outbreak of the COVID-19 Pandemic that brought the world to a standstill, also preventing the THEAXAV 2020

(the annual theatrical fest of the society), the activities of XTS had come to a pause which was later revived with the online auditions of 2020 over a Google Meet platform that recruited another fresh batch of 116 members that replaced the retiring batch.

Apart from the events hosted within the college premises the members of XTS have also manifested their theatrical calibre with their participation in several inter-college fests that brought in a host of laurels, upheaving the banner of the Xaverian Theatrical Society.

The Xavier's Commerce Society (XCS)

Pre-eminence is the virtue that embodies the journey of all the students at the Xavier's Commerce Society (XCS). The representative society of the Department of Commerce has borne testimony to a host of events scheduled throughout the academic year, and even the COVID-19 pandemic could not hinder the conduct of a string of successful events.

INNOVISION

XCS commenced its endeavours with Innovision'19; a weeklong intra-college event encompassing diverse career-

oriented workshops and seminars hosted by The World Bank, Reserve Bank of India, Deloitte and Actuators, among others. It was a remarkable opportunity for students to gain exposure.Innovsion'20, organized virtually, received unprecedented responses as well.

INCEPTION

Inception was organized exclusively for the first-year students of the college, aiming at appraising the patience, composure and pressure handling ability of the students. on 19; a weekiverse careerinticipated by the young stalwarts of the college.

Inception'20 was conducted online and received more than 500+ registrations across all departments.

X-CALIBRE

One of the most exciting competitions in the college, X-Calibre evaluates the participants to the core, in terms of multitasking competencies and the ability to flourish in a fastpaced milieu. Acknowledged for its intense competitive participation, it has cemented its place which is heavily anticipated by the young stalwarts of the college.



CORPORATE PRODIGY

Corporate Prodigy, the two-day event, organized exclusively for the high school students hailing from versatile premiere schools in the country, aims to encourage meaningful contemplation and give them a glimpse of the corporate life awaiting them.Corporate Prodigy'20 was a two-day event which witnessed substantial participation from ten reputed schools across the country.

X-PEDITION

The overriding belief at XCS is that the optimal way to learn is to experience it in reality. X-Pedition happens to be one such initiative in this light. In August 2019, the students of the Department of Commerce visited Anmol Industries, intending to impart to them the exposure to the internal functioning of a corporate enterprise.

YOUTHINK

Youthink, a globally-recognized annual business journal (ISSN:2347-6222) seeks to proffer a platform for enabling individuals to voice their opinions on various business, social and geopolitical issues. The year 2019 witnessed the launch

of the fourteenth edition of Youthink themed 'Redemption', which strived to decipher the developmental trajectories in the perceptions of people and how humankind has redeemed itself from its thoughts. Youthink XIV saw the pinnacle of legacy of its past editions by associating with Mr. Saurav Ganguly for an interview.

INSIGNIA INTERNATIONALS

Insignia Internationals'20 proffered a unique spectrum of events, specifically designed to test an individual's skill in every management domain.

INSIGNIA

The flagship event of the society and one of the most recognized fests in the eastern part of India, Insignia is the only business fest in the college that attracts participation from international academic institutions. The event holistically tests participants about multiple spheres of the business world. The theme for Insignia 2020 was 'Reigns of the Empire'. The theme portrayed the moments and ideas in history, which shaped humankind and how the cultural evolution occurred through the social impacts of an ideology.





The Xavier's Management Society

The Xavier's Management Society is an amalgamation of ideas, opportunities, and learning. We aspire to create value for those who associate with our society and provide a platform to gain meaningful experience and organizational skills. In the new academic year 2019-20, the society was determined to pursue greatness. The members of XMS welcomed the new batch of students with an event exclusively for the first years: X-Genesis'19- A Visionaries' Battleground. Featuring over 200 participating teams and 6 grueling rounds, X-Genesis'19 was a tremendous success.

The finale witnessed inspiring speaker sessions led by Mr. Sahil Shah, Comedian

and Youth Influencer, Mr. Mudassar Hussain, Managing Partner at Ogilvy and Mr. Rajiv Ghosh, CEO at Selvel One Group. Their captivating stories inspired students to follow their dreams unfazed by obstacles.

We embarked upon our journey towards an inter-college debating fest: X-Confero'19- Witness the Word War. Over 100 aspirants contested a series of intriguing debates, and two teams qualified for the final. The motion for the final round read: "This house believes that economic development should be prioritized over pollution control in developing countries". X-Confero'19 concluded with Mr. Bibek Debroy, Chairman of the Economic Advisory Council to the Prime Minister, as the speaker in an engaging discussion with the students. As part of our constant endeavour to give back to

the society, we took up several initiatives this year. In December 2019, we celebrated Christmas with the children of Anandaghar, an HIV Positive Centre for kids that provide homeless children with a home and proper treatment for HIV. We also organized an eye and health checkup camp for over 300 underprivileged people in Uluberia in the month of January 2020, to celebrate the completion of 10 years. With a team of 80 members and myriad ideas in mind, we began preparations for our flagship event- The Xavier's Management Convention'20- a national level management fest. The theme for this year was 'Olympus: Clash for Divinity'. The Xavier's



Management Convention witnessed a battle of merit among students representing renowned colleges from across the country.

We had the pleasure of hosting Mr. Rahul Subramanian, Comedian and Youth Influencer, and Mr. Sandeep Patil, Former Member of the BCCI, as speakers for the Convention. They motivated the students to earnestly pursue their aspirations without compromising with the value of hard work and perseverance. 2019-20 has been a successful period as the society rose to unprecedented heights. The smooth execution of the

events is a result of the collective efforts of all the members. At XMS, we place the foremost emphasis on diligently pursuing every endeavour and inculcating a team spirit to support each other at every step of the journey. We live by our motto to explore different aspects of this dynamic world, meet a group of driven personalities and form an everlasting connection with these individuals.

We owe our success to the constant support of Father Principal- Rev. Dr. Fr. Dominic Savio, S.J., Father Vice Principal-Rev Fr. Peter Arockiam, S.J., Dean of Department of BMS-Professor Sougata, Banerjee, our Professor-in-Charge, Dr. Sukanya Sarkhel, and Assistant Professor-in-Charge, Dr. Supriyo Patra.





The Xaverian Debating Society

"Debate is healthy and no one in this chamber has a monopoly on being right."

The Xaverian Debating Society is one of the oldest student societies on St. Xavier's College, Kolkata. Over the years, XDS has produced some of the most skillful debaters in the state circuit and made its presence felt elsewhere in the debating circle of India.

In our bid to continue the long standing tradition of public speaking at St. Xavier's College, the DebSoc, as it is fondly called, participates in Asian and British Parliamentary, Oxford and Cambridge, Mace and Turncoat style debates. The year under observation has seen members achieve success with excellent performances in each event they had the pleasure of participating in.

Conventional Debates

Our team comprising Dhruvi Mundra, Kewal Doshi and Shyam Agarwal were finalists at the prestigious Red Brick Debate organized by IIMA. Closer home, Vani Dugar and Deep Mehta were the runners up at the Vidyasagar Debate organized by IIMC. Similar accolades were won by Arshia Grace and Kanishka Agarwal at the Tribe Tomorrow National Debate and by Ruchir Jajoo and Priya Chatterjee Ray at the Damayanti Shield Memorial Debate. Ruchir was also a part of the Second Best team, along with Yash Goyal in the debate organized by the Political Science Department of Loreto College. Ruchir was also the Best Speaker. Arshia and Attreyee Chakroborty were the Second Best Team at the Srijan Fest organized by Shri Shikshayatan College where Arshia also brought home the Best Speaker Award. Yogesh Chowdhury was adjudged Best Speaker at the debate organized by JDBI College while Priva won the Best Speaker award at the Managedia Debate organized by iLead College and Amisha Sahini won the Best Speaker award at YESM, organized at Jadavpur University. Ruchir Jajoo was awarded Best Speaker at the Victoria Memorial Hall Debate.

Our Debsoc put up a fantastic show at Confero, the annual Cambridge Parliamentary Debate organised by the Xavier's Management Society. The team comprising Kanishka Agarwal, Kewal Doshi and Suranjana Roy were knocked out in the Semi Finals by another Debating Society team comprising Vani Dugar, Deep Mehta and Somok Sur who went on to win the tournament. The team they beat in the finals also comprised of Debsoc members Pranav Dhupia, Priya Chatterjee Ray and Hamed Aziz Safwi.

Parliamentary Debates

The academic year 2019-20 was one of the best yet for the Debating Society. Our entire contingent performed exceedingly well at the first debate of the year, the Derozio Memorial Debate organized by the Presidency University. Teams comprising Dishari Chatterjee, Priyam Marik, Priya Chatterjee Ray, Ruchir Jajoo, Suranjana Roy and Yash Goyal broke pre quarters and Soumi Chatterjee and Hamed Aziz Safwi's teams made it to the Quarter Finals. Soumi went on to win fourth Best Speaker at the tournament. The Novice Team consisting, Deepanjali Prasad, Yashwant Singh and Somok Sur competed till the Novice Semi Finals. All adjudicators Vani Dugar, Sameer Ghugre and Sherin Johnson broke in their categories.

Next, the team comprising Priya, Dishari and Ved Mehta were OctaFinalists at Trivium, the National Parliamentary Debate organized by the Punjab Engineering College. Sameer kept up his winning streak by finishing as the fourth best adjudicator in the tournament. In terms of adjudication, the Debsoc continued to shine as Dhruvi Mundra won the Best Adjudicator award at the Jadavpur University Parliamentary Debate.

Carrying this streak to Patna, Dhruvi was recognized as the 5th Best Competitive Adjudicator at the Chanakya National Law University Parliamentary Debate. Another great performance by the contingent was seen here with the team comprising Dyuti Chatterjee, Deepanjali Prasad and Subhapriya Chakraborty receiving a special mention for their performance as freshers. Soumyadeep Saha, Somok Sur and Swati Pradipwere Quarter Finalists and Priya Chatterjee Ray, Soumi Chatterjee and Pranav Dhupia were Finalists as well as the Top Ranking Team in the tournament. Pranav and Priya were also adjudged joint Best Speakers. The Best Adjudicator for the tournament was Arshia Grace.

At the National Parliamentary Debate organized by IIT Guwahati, Somok Sur won the Third Best Adjudicator Award while Sameer Ghugre was adjudged the Second Best Adjudicator.



Next, the Xavier's contingent participated in the Prologue Debate organised by Presidency University, Kolkata. Vani Dugar, Arshia Grace, Shyam Agarwal and Kewali Doshi were all Semi Finalists at the tournament. Deepanjali Prasad and Amisha Sahini broke as Adjudicators at the tournament with Deepanjali going on to judge the finals. Priya Chatterjee Ray and Sameer Ghugre were subsidized adjudicators at the tournament.

The debating year came to an abrupt and bittersweet end at the National Parliamentary Debate organized by the Heritage Institute of Technology with the Xavier's contingent putting up another great show. The team comprising Dyuti Chatterjee, Shivi Chandra and Simran Juneja were the Novice Finalists, while Vani Dugar, Deep Mehta and Somok Sur were the Open Category Runners Up. Amisha Sahini won the award for 3rd Best Adjudicator and Arshia was adjudged Best Adjudicator yet again. Priya Chatterjee Ray, Suranjana Roy and Soumi Chatterjee were invited as external adjudicators for the tournament.

Beyond Debate Participation

This year, the members of the Xaverian Debating Society went beyond participation in debates only. Deep Mehta and Priya Chatterjee Ray were the Winner and Runners Up at the Youth Parliamentary Debate Extempore organized by the Government of West Bengal. They also revived the JAM and HAM tradition of St. Xavier's College with Deep winning the JAM Competition organized by the Department of Political Science, St. Xavier's College and Priya winning JAM and HAM contests at iLead, JDBI and other colleges.

Vaidehi Meharia had a wonderful run in the MUN Circuit winning innumerable Best and Outstanding Delegate Awards at the Kolkata, ALAGS E, etc. Model UNs.

Ruchir Jajoo participated in the Speak For India competition, reaching State Finals where he was awarded the State Speaker Rank of 3.

The COVID Pandemic prevented the Xaverian Debating Society from organizing the annual Xaverian Debating Festival but we were able to start the year by hosting the 4th Edition of the International Inter-University Challenge Debate in association with the Calcutta Debating Circle. With the best debaters from Harvard University, Oxford University, Cambridge University, IIT Kharagpur, IIM Calcutta, Presidency University, Jadavpur University and St. Xavier's College engaging in a war of words on the topic "This House believes that Climate Change is a problem of wealthy nation", this debate was one of the best of its kind seen in all of Eastern India.

Thus, the end of this short but extremely fulfilling calendar leaves the Debating Society with profound fondness for the year that has past. With a crop of promising new speakers joining the society, we look forward to an even more successful year ahead. While we do miss the style and substance of the podium, it remains a matter of utmost pride to keep striving toward keeping debates alive, albeit over virtual platforms.

The Fine Arts Society

With the new Academic year of 2019-2020, the Fine Arts Society of St. Xavier's College, Kolkata in the month of September began with their much-awaited event, Sunset Jam. This year just like the rest saw the best of entries with some amazing performances from students of College. Following the success of their previous event, the Society started a new event called Perspective. This event was started with the intention of giving a chance to students to express themselves in various art forms like stand-up comedy, one act play and dance. This gave them the exposure and the stage to showcase their talents. We even held a quiz on Popular Arts





which was very well received. We were proud to have Mr. Aniruddha Banerjee as our Guest Judge for the stand-up comedy which was the perfect highlight event to end the day with.

In the month of January 2020, the Fine Arts Society in collaboration with the Student' Council was back with Sunset Jam right before the flagship event of the college, Xavotsav. It was conducted in the form of a bonfire night in the field with everyone bonding over the warmth of bonfire, beautiful art display and soulful music on a cold January evening. This year seemed different due to our Guest performer Mr. Apoorva Tamang, who with his voice and music made it an evening to remember for every student.

In February, the Fine Arts Society decided to organise X-hibit, a 5-day workshop program for the students of the college. The society saw a lot of participation for the workshops and it was a great success in giving students the scope to learn about Cartoon Painting, Street Jazz, Digital Marketing,

Photojournalism and Performance Poetry.

Arts Society's flagship event, Carnival of Rust which was brought back after a year. This time unlike last year it was a two-day event and included Mosaique and Western Music Concert as well. We were honoured to be graced by our judges Mr. Sounak Chakravorti for Mosaigue, Mr. Kamran Khurshid and the Moksha Band for Western Music Concert, Mr. Saurabh Bangani and Mr. Vivek Jaiswal for our dance event. Also, impressed by the stand-up performances in

Perspective, Mr. Aniruddha Banerjee decided to rejoin us for stand-up comedy. Mr. Uttam Sharma judged for Face painting and finally Mr. Sourasis Bose and Mr. Arijit Mondal were the quiz masters for quiz. The Carnival of Rust was an amalgamation of all these events in the span of two days and it would not have been possible without the help of the society members who had given a lot of their time in the preparation for the event. This event brought the best in people performers and non-performers alike.

This eventful year would definitely not have been possible without the unending support of our Deputy President, Professor Bertram Da Silva, and the constant efforts and hard work of our Secretary Ms. Shivangi Sen who held the society together and pushed each and every member of the society to be their absolute best. As always, the Fine Arts Society provided an outlet for the students of the college to express their artistic selves.





The Xavierian Film Academy (XFA)

CineScope 2019

The Xavierian Film Academy began the academic year of 2019-2020 by organising the event 'Cinescope', which involved the screening of the 1994 film The Shawshank Redemption, directed by Frank Darabont. This film was particularly chosen to commemorate its silver jubilee and was screened on the 27th of Septembe,r 2019 at the R.K Hall. The screening was later followed by a talk on book-to-screen adaptations by Prof. Arjun Sengupta, Dept. of English. The event concluded with an interactive session. Finally, Zoya Khan, the Secretary of the XFA, delivered the vote of thanks.

At the end of this event the Xaverian Film Academy, for the first time, was declared to be open to the students from all departments of the college.

Students' Seminar 2020

The Department of Film Studies in collaboration with the Xaverian Film Academy organised its first Students' Seminar, which was held on the 8th of February 2020 at the R.K Hall.

With this seminar, XFA intended to bring together students from multiple disciplines across the city to involve and engage in discussions around the world of cinema.

The dignitaries present during the inauguration included chief guest, Dr. Anindya Sengupta, Dept. of Film Studies, Jadavpur University, Prof. Bertram D'Silva, Vice Principal, St. Xavier's College, Prof. Tapati Dutta, Dean of Science, St. Xavier's College, Dr. Ipsita Barat, HOD, Dept. of Film Studies and the professor-in-charge of XFA, Ms. Shenjuti Dutta.

Students from both Undergraduate and Postgraduate departments, from across the city, presented their papers on the day of the event. A total of 16 papers were selected which were further segregated into 5 sessions. The first session was chaired by Dr. Ipsita Barat, Head of Dept. Of Film Studies. The second session was chaired by Prof. Sharmistha Jha, Head of Dept. of Mass Communication & Videography. The third session was chaired by Prof. Zaid Al Baset, Dept. Of Sociology. The fourth session was chaired by Prof. Shenjuti Dutta, Dept. Film Studies and the fifth session was chaired by Prof. Arjun Sengupta, Dept. of English.





At the end, Prof. Ashok Dasgupta, Dept. of Mass Communication & Videography, handed over the certificates to the students and for every session, a 'Best Paper' was awarded. The title of those papers are as follows -

- 'Tracing Narratives and Patterns of Dalit Representation, Assertion and Resistance in Recent Mainstream Indian Cinema' by Rounak Bose & Shreya Gupta, Techno India & JU.
- 'Online Streaming and Video on Demand Services: The Future of Global Entertainment' by Sreemoyee Banerjee, SRFTI.
- 3. 'Male Gaze and Subversion in Almodóvar films' by Vaaswat Sarkar, JU.
- 'Voice of History, Voice of Past: Certain tendencies of the soundtrack in Ritwik Ghatak's films' by Sayantan Dutta, JU.
- Some Marginalised Film Dustries across the counter Reserved Film Counter Counter
 - 'The Bloody Tragedy of Macbeth: Movements into Cinema' by Adira Das Roy & Koyena Haldar, Loreto College.

The seminar ended with the vote of thanks delivered by Dr. Ipsita Barat and Zoya Khan.

The Xavier's Sociological Society (XSS)

The year 2019 marked the ninth year of Xavier's Sociological Society which was inaugurated in October 2010 under the headship of Dr. Sweta Ghosh.

The XSS had also formally registered itself with the college in 2018 under the headship of Dr. Sarbani Bandyopadhyay.

From 31st October to 2nd of November 2019, the XSS and the Department organised the release of the ninth edition of its annual journal "Young Sociologist", along with a three day International Conference on "Contemporary Caste Gender and Minority Questions in West Bengal and Bangladesh: Some Explorations". The international conference brought researchers, distinguished speakers and discussants from different countries across four continents the United States, United Kingdom, Germany, New Zealand, Singapore, India and Bangladesh. It was funded by New Zealand India Research Institute, Ambedkar University Delhi, Observer Research Foundation, Kolkata and Nagorik Uddyog, Dhaka. Eminent speakers included Sekher Bandyopadhyay, Revati Laul, Maroona Murmu, Manoranjan Byapari, Carola Lorea,





Anusua Basu Ray Chowdhury, Rukmini Sen Haimanti Roy, Hilal Ahmed, Syed Abul Maksud, G Nagaraju to name a few. The event was an academically enriching experience with more than ninety paper presentations that covered a range of themes related to the overarching theme of the conference. The event also provided a platform for collaborative union of local associations into a general interactive and discursive session highlighting the diversity of voices. An exhibition based on the themes of violence and genocide was conducted simultaneously.

The theme of that year's journal being 'Violence and its Other', intended to interrogate what could be the other side of violence. Emphasizing on the violence faced by the marginalized and posing questions of intersectionality of

> Caste, Gender and Minorities in West Bengal and Bangladesh.

> The department also had the opportunity to have a colloquium conducted by "Know Your Neighbour" on the 4th of April and an interactive lecture session with professors from University of Leeds, England, on the 9th of August.





Department of Sociology St. Xavier's College (Autonomous) Kolkata











St. Xavier's College (Autonomous) Hosts The Inter College State Sports and Games Championship 23rd to 29th February 2019-20

Under the auspices of the Education Directorate, Department of Higher Education, Government of West Bengal, a State Level Tournament in Athletics, Football and Kho- Kho is conducted each year at the Sports Authority of India, Netaji Subhash Eastern Centre in Salt Lake. District-level winners participate in this week-long Sports Festival and each year the Department of Higher Education nominates a Host College. The event for 2020 was bestowed upon our College and as a Host College, we had to oversee the conduct of this fully residential meet for nineteen District teams in each discipline and ensure that the event was conducted with perfection.

Under the guidance of Dr. Jayasri Ray Chauduri, DPI, Government of West Bengal and our Principal Rev Dr. Dominic Savio, preparations for the meet began months in advance. Joint Convenors of our Internal Committee for the meet, Prof Romit Beed, Mrs Feroza Mogrelia and Shri Peter Tapan Ghosh shouldered and shared various responsibilities which had to be undertaken in the conduct of this meet. Our learning the ropes to undertake this maiden venture involved bringing together our staff and students and coordinating with officials in the Department of Higher Education. Working together with the Government officials-Organising Secretary Dr. Malay Kr. Mukhapadhyay and Joint Organising Secretaries Dr. Arindam Dagupta, Dr. Badal Kr. Jana and Dr. Lakshmi Narayan Kaibarta and various Office bearers of the State Council of Sports and other Sporting Associations- was a unique experience. Liasoning between the College and the Higher Education Department, Shri Peter Tapan Ghosh took care of all the intricacies which went into the working of this Sports Meet.

Accommodation of a very high standard of over 600 participants was arranged at adjacent Hostel at Yuva Bharati Kirangan and that in itself entailed great responsibility and coordination with a number of athletes checking in and out every day. Kudos to Shri Peter Tapan Ghosh, Prof Ruby Knotts

150

and Prof. Swaraj Nandan for maintaining the roster, discipline and safety of this huge dimension of the event. Staying at the accommodation and overseeing other Staff members and participants in rotation was no easy task. The mammoth task of hospitality, food and refreshment for all the seven days was undertaken by Prof. Anirban Pal, Prof. Souvik Roy and their team who worked tirelessly in planning the same.

The Chief Guest at the Opening Ceremony, Shri Jaideep Mukherjea, former Davis Cup tennis player, inaugurated the event on Sunday, 23rd February, 2020 in the august presence of a host of other dignitaries from the Department of Higher Education and our College. A parade led by the Army Band and our NCC Cadets followed by the march past of all nineteen District Men and Women's Athletics teams set the tone for the week-long competition. It was an honour for us when our student and qualified participant for the meet, Abuzar Khan took the oath on behalf of the students. An opening dance by XADAM signalled the start of this unique state wide sports meet with the first two days being dedicated to Athletics followed by Football for Men and Kho-Kho for Women.

The Athletic events were held on the world-class Synthetic track of SAI eastern centre and participants greatly satisfied with the infrastructure provided. The Athletic Meet was conducted smoothly by the officials of the Athletic Association ably assisted by our team from the College who managed every detail of the event.

Football and Kho-Kho Competitions were conducted from 25th to 29th February, 2020 and each technical detail of this was overseen by our student and staff volunteers, who worked round the clock to meet all the needs of players and officials. Our students were led ably by General Secretary of the Students Council, Rishi Basu, Sports Secretaries, Shankarshan Banerjee, Trishita Dey, and Sayantan Das, along with Harris Ellias, Oendrila Basu and Romario Topno who did a









TATE :





marvellous job. They managed with great expertise a hundred strong volunteer group in numerous shifts and took care of all the accommodation, ground and stage duties. We were greatly impressed by their energy, dedication and hard work and every small job was done with a smile. The venues of all the competitions along with the accommodation was spread over a large area and students put to use their cars and two-wheelers to move man and material in good time so that each day's programme started and finished on time, ensuring that the teams were in their correct accommodation and that fixtures were followed perfectly and teams reached the correct ground before time, ensuring that all the ground arrangements were in place, rushing during emergencies and taking care of all our equipment etc. was managed by the students. Handling such a large competition along with the Opening and Closing Ceremonies was a unique-hands-on event management experience for the students.

Our College football players worked hard, conducting the Football tournament and our request to the organisers for an exhibition football match was warmly accepted. On the final day, a match between Darjeeling College and St. Xavier's College was conducted and this saw the visiting team win over the hosts. Both the teams played extremely skilfully and the match was conducted with full ceremony. Post-match, the players of both sides expressed their joy and gratitude for being allowed to play and plans were afoot to have another tie on their turf soon.

Planning each day and seeing to all the arrangements, handling the emergencies and coordinating the numerous felicitations and ceremonies in a systematic manner was no mean feat. Special appreciation to Prof. Tapalina Bhattasali and Prof. Arijit Roy for being the perfect hosts and giving their unconditional support and time to this College event. The event would not have been possible had the Brochure which included fixtures and participant and officials lists etc not been published in record time due to the competence of Prof. Zaid Al Baset along with his student team. Compiling this handbook with data coming in at the eleventh hour was handled with calmness by him with the final product being greatly impressive and attractive.

The valuable contribution, support and effort of members of our staff, alumni, groundsmen and students helped in every little way to ensure that the flag of our College flew high. The Xaverian spirit and stamp was felt and resounded all through the week-long event and this was appreciated time and again by the organising team from the Department of Higher Education. When the curtains came down on this seven-day event, one did heave a sigh of relief but the satisfaction of pulling off this once in a lifetime event as the Host College for such a prestigious event gives us a sense of accomplishment and pride.











Celebrating the Season of Christmas in the Villages

In the midst of this pandemic situation, the NSS department decided to celebrate this season of Christmas with the village children of all the 6 adopted villages. With the theme of "Let's Care & Share", this programme was organised in two parts. In the first part, on 20th December 2020, about 50 children each from three villages namely, Raghabpur, Magurkhali & Bakeswar were invited to the Raghabpur campus with the help of Sampoorna Nari Kalyan Sangathan, rights based NGO working in the area.

Rev. Dr. Dominic Savio, S.J., College Principal along with Fr. Joseph Kulandai, S.J., Vice Principal and Fr. Anil Mitra, S.J., Asst. Controller graced the occasion along with the past and present Secretaries of the Alumni Association. Fr. Johnson Padiyara, S.J., welcomed the guests who were mostly





children. Fr. Patrick Walsh, S.J., the Superior of Raghabpur Parish, shared his personal experience with the children, to whom he is known as "Dadu."

In his Christmas message, Father Principal expressed, "Christmas is about spreading love, joy, taking care of each other and sharing whatever little we have with others around us". He helped the children understand the essence of Christmas. He also encouraged the children to study well and pursue their higher education in St. Xavier's. Fr. Principal blessed the children at the end of the progamme. Ms. Cheryl Francis, the NSS Director thanked Fr. Principal, the Alumni Association and everyone else who helped make the programme

successful. Every child got a gift bag consisting of essential items that was arranged by Fr. Principal. They left the premises happy and smiling but with an unasked question – when do we come again?

The second part of the programme was organised on 22nd December 2020 in three other villages namely, Nurshidar Chowk, Debipur and Shalpukur. Around 225 children (75 in







each village) participated in the programme. In all the villages, the children and the village coordinators gave a warm welcome to the staff and some student volunteers. In Nurshikdar Chowk, Shayani Sardar of class six, ran towards a staff member and said, "Ma'am, ami roj prarthana kori jeno Corona taratari chole jai, tahole St. Xavier's collegeer dadadidira abar amader grameh ashbe protek robibar" (Ma'am, I pray every day that the pandemic is over, so that our dadas and didis can resume coming to our village, every Sunday).

It was a cheerful moment for the children, the volunteers as well as the staff to meet one another after so many months. Ma'am Cheryl Francis in her address expressed that as adults we need to learn from children how to love without any barriers. She encouraged the children to continue to be messengers of pure love and continue to care and share. All the children received the gift bags as they left for their homes.

Sudeshna Swain from CMSA, our student volunteer was so touched to meet the children,

that she later shared, "I am spoilt with gifts and choices, that I hardly pause to be grateful, but today meeting the children, I realised that the real joy lies in sharing whatever I have with others. I am so glad I volunteered today".

Unnat Bharat Abhiyan

Following are the activities held during the period December 2019 to December 2020:

Networking with various stakeholders for implementation of Village Development Plan

- On 6th January 2020 the progress report of UBA was submitted to the local MLA. The MLA's office appreciated the work done and assured all possible assistance for future endeavors.
- On 9th January 2020, the resource map for Debipur village through Participatory Rural Appraisal (PRA) was prepared with the support of panchayat members and village elders.
- On 15th January 2020, a meeting with Gram Panchayat (GP) members and village representatives of Debipur village was held to discuss the Village Development Plan (VDP) and the implementation plan of the same. An action plan was formulated on how to engage SHG members in



waste segregation in the villages, which would further contribute in encouraging women to compost and take up organic farming. Ms. Roy suggested that the Agriculture Development Office of the block should be contacted for



implementing organic farming, waste management and water conservation projects.

- On 28th January 2020, a meeting with Kulerdari Gram Panchayat Pradhan and with panchayat members of Bakeswar village (under Panakua panchayat) was held to strengthen association with Gram Panchayat, and to initiate supplementary education center at Bakeswar village.
- On 24th February 2020, the department organized village meeting with Self Help Group (SHG) women to discuss the village development implementation plan for Debipur village. Dr. Asim Mondal, from Kalyani University was also present to give an overview about organic farming to almost 50 women present.
- On 25th February 2020, a meeting was held with Dr. T. K. Gupta, Chief Engineer of the Waste Management Cell, Department of Environment, Government of West Bengal to discuss ways of disposing off plastics in the adopted villages. He suggested the College meet the Joint Secretary of Panchayat and Rural Development as they were promoting model villages free of plastics.

- handholding support and training regarding organic farming for the rural women. She assured of all possible support from her department in the future as well. On 2nd March, a meeting was held with Dr. Pritam Nandi, Assistant Director of Agriculture-Bishnupur, Block I, to discuss about implementing organic farming in the
- adopted villages. Dr Nandi assured of all possible support from his department to the college for implementing organic farming.
 On 2nd March, a meeting was held in Shalpukur village
- with the SHG group to initiate organic farming. More than 50 women attended the meeting. They were motivated to undertake organic farming in their respective households and then eventually scale-it up at the community level as an alternative livelihood option.
- On 4th March, the UBA Coordinator met the Director of Seva Kendra Calcutta, an NGO, to discuss potential technical partnership for organic farming in the adopted villages. Seva Kendra Calcutta agreed to be technical partner for one year wherein they would visit the villages and provide handholding support to the SHG members to set up organic farming in their households.

- On 27th February, a meeting was held with the GP and village representatives of Shalpukur village to motivate them to initiate organic farming in their village.
- On 28th February 2020, the UBA coordinator met Ms. Sonali Dutta Roy, Joint Secretary of Panchayat and Rural Development to discuss about waste management and organic farming in the adopted villages. She suggested that the students could create awareness on 100%





UBA regional workshop at IIT Kharagpur

On 18th February 2020, five students (three from main campus and two from Raghabpur campus) along with department staff attended a regional workshop in IIT Kharagpur. This was the first time students were also invited to attend the workshop. The students were able to grasp the essence of UBA and understood the expanse of work involved. The workshop was facilitated by IIT Delhi (National Coordinating Agency).

Xaverian Astronomical Society and NSS Collaboration: An Entry Point for promoting UBA initiatives in local government school



Institute, Regional Coordinating Institute, and Participating Institutes came together to share and discuss about the initiatives undertaken by them for prevention and mitigation of the COVID-19 pandemic in the adopted villages.

On 13th July 2020, a teleconference was facilitated by IIT Kharagpur (UBA Regional Coordinating Agency) between IIT Delhi (UBA National Coordinating Agency), IIT Kharagpur and St. Xavier's College. During the hour long conference call, we discussed about the certain issues faced by St. Xavier's College as a Participating Institution (PI). The NCA took note of the same and assured support to resolve them in due course of time.

Project Proposal on hand sanitizer was prepared

A project proposal on making hand sanitizer was prepared in collaboration with the Dept. of Microbiology. The project was aimed at producing hand sanitizers and distributing the same to the adopted village community members.

However, we did not receive any response from UBA but it was communicated over telephone that such proposal would not be accepted. The training of women in producing the hand sanitizers and making them self reliant would have been appreciated. But due to this pandemic

On 7th February, a need assessment in the form of an interactive session with the students of Xaverian Astronomical Society (XAS) and about 35 students of standard X of Jhanjra High School was held in JHS campus. On the basis of this session, a three hour workshop was organized on 14th March 2020 for 36 JHS students accompanied by two of their teachers, in the College and conducted by the XAS students.

Virtual conference meeting with RCI-IIT Kharagpur

On 4th May 2020 the staff participated in a virtual meeting conducted by the UBA for the Participating Institutions under the Regional Coordinating Institute, IIT Kharagpur. In the said meeting representatives from National Coordinating situation this project could not be implemented.

Webinars organised by UBA

The staff attended the following webinars organised by UBA-

- International Webinar on Science and Engineering for Nature Conservation scheduled on 5th June 2020.
- National Webinar on Role of Technologies in Rural Areas for Skill Development, Livelihood for Atmanirbhar Bharat scheduled on 16th June 2020.
- National webinar on National Education Policy 2020 on 16th September 2020.
- The path to a sustainable future on 28th October 2020.



1st Annual Sports of St. Xavier's College (Autonomus) Kolkata – Raghabpur Campus

In the last few years, the Department of Sports extended their activities to the Raghabpur Campus for various interdepartmental events and students from our rural campus have been regular participants in the various sporting competitions conducted in the College. Their enthusiasm and talent propelled us into having an exclusive Annual Sports for Raghabpur Campus and this whole idea came to fruition on Saturday, 8th February, 2020. This historic event was conducted with great competence, coordination and love by the staff and students of both campuses. Managing and coordinating everything minutely and leading the team from the front was Prof Debasree Lahiri who ensured that no stone was left unturned for making the event a success.

With the Chief Guest, Shri Dilip Mondal, MLA, Bishnupur Block 1, Guest of Honour, Shri Bholanath Sardar, Panchayat Pradhan Panakua Panchayat, along with our Rector Reverend, Jeyaraj Veluswamy, Principal Rev Fr. Dr. Dominic Savio, Vice-Principal Raghabpur Campus Rev. Fr. Johnson Padiyara, Vice-Principal Rev. Fr. Peter Arockiam and Vice-Principal Fr. Dr. Xavier Savarimuthu and other dignitaries taking the stage, the event began with a splendid Inter-Departmental Parade. The Parade was led by the Police Band and Sports Secretaries bringing up the College Flag. The students along with their teachers outdid themselves and the judges had a difficult time declaring the winners. Themes showcasing the rich culture of our country and current issues were uniquely displayed in colourful costumes, songs, tableaux and banners. Such was the excitement of the students for the Parade that it took the volunteers more minutes than planned to get the first race of the day underway! The College flag was hoisted historically with the Police Band playing in the background. The oath was taken on behalf of all the participants, by the outstanding athlete, Renuka Bag, a student of the B.A General Department. Inspiring and heartfelt speeches by the Chief Guest, Rector and Principal set the tone for this mega event. The Opening Dance choreographed by Prof Sudakshina Basu saw over thirty students executing to perfection the Sankochero Bihobolota.

158

With our MCs for the day, Prof Arkadeb Banerjee and Prof Arundhati Das very professionally kept the event moving smoothly and volunteers from both campuses ensured that each race was conducted perfectly. Sports Secretaries, Chandrima Biswas and Soumyajit Halder, along with their band of volunteers worked tirelessly to ensure that the meet was enjoyed by all the participants and spectators. Championship Races were interspersed with Special Events for staff and students which were stiffly competed for.

The trophy for the Best Athlete (Men) was won by Joel Shani (B.A III) and lifting the award for Best Athlete (Women) was Renuka Bag (B.A. General).

The much-awaited results of the Parade saw MA Bengali Department depicting Basanta Utsav being adjudged the Winners and BA Bengali Honours depicting Samajh Bandhu the Runners Up. However, it should be mentioned that each Department deserved an award; such was the level of competition.

Thrilling Relay Races at the end which the students had practiced very hard for, saw nail-biting finishes. The following are the results:

4*100 Mts Relay (Men) Gold: B.Com Silver: BA General and Bronze: B.Com

4*100 Mts Relay (Women) Gold: B.A General, Silver: B.A Bengali and Bronze: B.Com

About thirty volunteers from the College assisted the Raghabpur Campus student volunteers to conduct this firstever Annual Sports. Right from beating the heat to managing every Prize Distribution and running off the event so flawlessly, the students worked with great enthusiasm and team spirit. A fun Tug-of-War at the end between the volunteers of both campuses which saw the Raghabpur Volunteer team taking away the much-coveted cake!

The excitement in the air was palpable not only on the day itself but in the days leading up to the event too. Calmly



guiding, directing and overseeing that nothing went undiscussed and that each detail was in place was our Vice-Principal of the Raghabpur Campus, Rev Fr. Johnson Padiyara. It was no doubt an emotional moment for us all when Father delivered the Vote of Thanks and so aptly summed up this maiden venture in his address. The contribution of each and every teaching and support staff member of the Raghabpur Campus made towards the conduct of the event was appreciated by Father.

Planning the Annual Sports in College each year takes a few months of preparation to execute to perfection and it was a challenge to conduct two such mega events within a week of each other but the splendid way in which the staff and students rose to this challenge and showed such spirit was noteworthy and greatly satisfying. The happy and memorable moments we had preparing for two Annual Sports: juggling heats, finals, meetings, training modules, prizes, ground work etc will stay with us for a long, long time.

It is the endeavor of the Sports Department to expand sporting activities in our rural campus and make not only the Annual Sports bigger and better in the years to come but consolidate formidable College teams to participate in various varsity, state and national tournaments.









Department of International Studies and Programmes

Fr. Josep F. Maria Serrano, a Jesuit from Barcelona, Spain, visited St. Xavier's College, Kolkata during 31st January – 4th February 2020,to research on Values and Jesuit Higher Education. The visit consisted of individual and collective dialogues with Jesuits, professors, support staff and students around the implementation of values in the Institution.

Netaji Institute for Asian Studies, Kolkata & St. Xavier's College (Autonomous), Kolkata jointly organised the Inaugural Lecture of the Lecture Series on Asian Connections on 17th February, 2020, held at St Xavier's College, Kolkata. The lecture was presented by Professor Tansen Sen of New York University, Shanghai, on 'Many Facets of Belt and Road: Historical Realities and Contemporary Politics'.

St Xavier's College with its commitment towards the MOU with Santa Clara University, USA, organized the course on Science and Religion for the Students/Faculty for the Seventh consecutive year. Prof. Alexender Zecevic, Professor of Electrical Engineering, Associate Dean for Graduate Studies, presented lectures at SXC from 17-19 February 2020.

St. Xavier's College (Autonomous), Kolkata, organizedin collaboration with Azerbaijan State Oil and Industry

University, Baku, a 2-day International Workshop on High Performance Computing Application [AAHiPC] on 17th & 18th November 2020.

10 foreign students have been admitted to various UG and PG courses in several departments in the academic year 2020-21.

St.Xavier's College signed an MOU with EdCIL (India) Limited

(A Miniratna CPSE under Ministry of Education, Govt Of India) for The Study in India Programme, a flagship project under the Ministry of Education, Govt. of India. This year, a student, Ms. Doaa Saleh, from Yemen with Political Sc. Honours, was admitted with the prestigious Study in India Scholarship sponsored by Ministry of Education, Govt. of India.

Due to the outbreak of COVID-19 pandemic, all incoming exchange visits from Fordham University, New York, USA, Macquarie University, Australia and College of Media Studies and Culture, Torun, Poland have been withheld till further notice.

> Dr. Panchali Sen Dean of International Studies

Alumni Association

SXCCAA activities – Looking Back

Philanthropic Activities

 With the gracious guidance of Fr. President a Health Camp was organized by SXCCAA at the Raghabpur Campus on the 12.01.2020. The camp covered issues of eyes, blood profiling, child health, women health and hygiene along with a general health checkup. A total number of 550 patients registered for the camp. Eye Glasses were provided to 150 patients while 74 cataract surgeries were performed. There were 25 Refer-To-Clinic cases which were critical ones which were taken up after further diagnostic tests. SXCCAA has been also supporting Blood Donation Camps held at the St. Paul's High School, Raghabpur on regular basis.

- In last 2 years i.e. 2019 and 2020, SXCCAA has been supporting the SISHU MELA (mainly an initiative of NSS Department of St. Xavier's College) with humble financial aids. SXCCAA contributes largely towards the development of Paikhala Prathamik Vidyalay throughout the year, on account of the study materials, copybooks, school uniforms & shoes for the students as well as the salary of the teachers.
- SXCCAA joined the mission of Safe Drinking Water for All by installing 6 drinking water purification & cooling



machines out of which 5 are installed at the Park Street Campus & 1 at the Raghabpur Campus. Additionally, the association facilitated in the installation of RO Water Treatment Plant at St. Paul's School, Raghabpur for providing safe drinking water to the students.

President's Birthday on 24th July has always been a special day for SXCCAA when everyone joined in celebrating Philanthropy Day in coincidence. On the Birthday of Rev. Fr. Dr. Dominic Savio SJ, the beneficiaries of various philanthropic activities of the

College & Association are invited for felicitation. On the same day, both in 2019 and 2020, SXCCAA has been doing a lump sum donation towards the development works of the Raghabpur Campus as well as other social welfare initiatives taken up by the community on regular basis. The Association also donates medical equipment, basic electrical gadgets & electronic equipments to Little Sisters of the Poor on this occasion on regular basis.

- GIFT BOX A Philanthropic Engagement Program of Xaverian Youth Forum of SXCCAA is organized for last 2 years i.e. 20.12.2019 and 20.12.2020 since the formation of the Youth Wing of the association. GIFT BOX distribution features donation of blankets & winter garments, dry food – chocolate – cake distribution to under-privileged villagers and their family members, students and inmates of old age homes. Rural distributions at South 24 Districts were based at Paikhala Prathamik Vidyalaya, Raghabpur Campus of St. Xavier's College Autonomous, Kolkata and few other pockets at other districts like Purba Barddhaman, Hooghly and Birbhum. Rev. Father Dr. Dominic Savio S.J., Principal of the College along with other Jesuit Fathers of St. Xavier's Community have blessed the GIFT BOX initiative with their kind presence and distribution.
- The year 2020 has been marked as "Philanthropy Year" of SXCCAA as the Association along with its national & international chapters has been engaged in some series of philanthropic activities. The highlights are mentioned here:

- a. Within 7 days of enforcement of the first lockdown on 27.03.2020, SXCCAA led by Fr. Dominic Savio S.J., Principal St. Xavier's College (Autonomous), Kolkata, in collaboration with SXCCAA and volunteers of SSVP (Society of St. Vincent de Paul) distributed relief materials to more than 150 families in Paikhala Village under Panauka Gram Panchayat, South 24 Pargana District. A Repeat distribution was done on 02.04.2020 at Paikhala Prathamik Vidyalay since the number of beneficiaries increased a lot after the previous distribution.
- b. Another 2500 needy families were covered in COVID-19 Relief distribution under Six Gram Panchayats namely Panakua, Kulerdari, Keoradanga, Amgachhia, Bonhoogly and Bishnupurin the 2nd month of Lockdown on 06.04.2020. The poor and most needy families spread over 34 villages under these six Gram Panchayats were selected as beneficiaries of relief distribution.
- c. St. Xavier's Community and St. Xavier's College (Calcutta) Alumni Association commemorated the Easter Weekend under the leadership of its President and Principal of the College, Rev. Fr. Dominic Savio S.J., Rev. Fr. Jeyaraj Velusamy S.J., Rector and other Fathers of St. Xavier's shared food packets with more than 500 poor needy families as a whole on Good Friday dated 10.04.2020 with assistance from Kolkata Police after following all stipulated safety norms, with are peat distribution on Easter Monday on 13.04.2020 to another 500 families.
- d. St. Xavier's College (Calcutta) Alumni Association felicitated COVID Warriors on 24.04.2020 by distribution



of more than 300 PPEs to the doctors, medical staffs and healthcare support providers of a city based private charity hospital. The Principal of St. Xavier's College and President of the Alumni Association Rev. Fr. Dr. Dominic Savio S.J. and Rector Rev. Fr. Jeyaraj Velusamy S.J. distributed these PPE kits in person as per approved quality norms of WHO and Government Departments.

e. St. Xavier's Community along with SXCCAA also extended support to their Needy Students and Non-Teaching Staffs, who required handholding at this hour of crisis – inspired by Jesuit value systems on 06.05.2020. Dry rations and food packets were distributed to more than 300 needy students and co-workers of St. Xavier's

College and the Collegiate School. The beneficiaries were overwhelmed with the gesture which gave them mental as well as economic support. St. Xavier's College and School decided to continue with this support till the lockdown is in place.

- f. Just after a week of landfall of severe cyclone Amphan on coastal Bengal region, on 29.05.2020 St. Xavier's College (Autonomous) Kolkata along with St. Xavier's College (Calcutta) Alumni Association handed over the cheques amounting Rs. 5000 (Rupees Five Thousand Only) each to more than 100 Amphan affected families whose homes had been ruined by the severe cyclone Amphan based in and around Bishnupur – Raghabpur area under its flagship "Gift A Roof" initiative.
- g. In a series of relief and rehabilitation material distribution exercises after the landfall of severe cyclone Amphan at West Bengal taken up by St. Xavier's College Calcutta Alumni Association, the prominent ones being the announcement of adopting a village and back-to-back relief distributions at the villages under Kakdwip Police Station, in the jurisdiction of Sundarbans Police district namely Bamanagar on 16.06.2020, Khorimutha, Mollarchowk, Pukurberia on 24.06.2020 and Narayanpur 4no. Ghery at Namkhana area of Sundarbans on 07.07.2020 under "Festival of Giving" initiative.



St. Xavier's College, Community Fathers and St. Xavier's College (Calcutta) Alumni Association regularly extended their support to the needy villagers of Sundarbans stretch for next 6 months after Amphan landfall, even amidst COVID 19 outbreak. Colgate toothpaste, cooking materials, ready-to-eat food items, sanitation items and tarpaulins were distributed to more than 3000 hungry and homeless families of the Sundarbans stretch. Principal of the College Father Dominic Savio along with other fathers of St. Xavier's Community and Alumni members distributed the materials, escorted by Kakdwip Police Personnel under Sundarbans Police Administration.



163

h. Inspired by the teachings of our President, SXCCAA is also bearing the expenses of education as well as the Hostel stay of few first generation financially challenged students of our college, a glimpse of which was displayed on the occasion of Children's Day / Diwali 2020 on 14.11.2020 by the name of Share To Care initiative – specially abled students supported by 4 special schools and societies were the beneficiaries.

Fellowship Activities and Special Occasions:

 Christmas is the Biggest Festival in any Jesuit Calendar and one of the biggest fellowship activities in the college every year. SXCCAA organized Christmas Meet on 23.12.2019 with its members, Fathers of St. Xavier's community, teaching &non-teaching staff & other dignitaries along with students of St. Xavier's College every year within the college premises and for last few years, Ms. Mamata Banerjee, Hon'ble Chief Minister of West Bengal has been gracing the celebrations along with Hon'ble Mayor of Kolkata & the Commissioner of Kolkata Police. However, the Celebration of 21.12.2020 had restricted entry of



Fathers of St. Xavier's Community only due to COVID protocols and restrictions.

• Teacher's Day is celebrated on the 5th of September every year by the support of the Students' Council of the College. Members of SXCCAA pay their respect and gratitude to the past and present teachers, professors and non-teaching staff on this occasion every year. This occasion was graced by Hon'ble Governor of West Bengal in 2019, although year 2020 was an exception and

celebration was done virtually. However, the celebration ended with a Fellowship Lunch at the Gymnasium of the college and a Dinner was hosted by SXCCAA for the Fathers of St. Xavier's Community on 5th September 2020.

- St. Xavier's College Annual Reunion Dinner is another most sought after occasion in the calendar of SXCCAA every year. The celebration goes by a different theme and elements every year. On 26.12.2019, around 800 people gather every year for this brilliant event as the ex-students of the Batch completing 25 years celebrate their Silver Jubilee Year of passing out. Respected Fathers and teaching staffs grace this occasion and offer their blessings every year.
- On Fridays, we all meet together at Room No. 5 of the College to Thank God after every eventful week. The Friday Fellowships help us to re-invent & rejuvenate ourselves for the coming days – although it is now organized through virtual meeting platforms after the lockdown imposed due to COVID 19 pandemic.
- Sanyog 2019 and 2020 were organized by SXCCAA as

International Torch Light Peace Tour and a rally to commemorate Bhasa Dibason 21st February – the International Mother Language Day with the student bodies of St. Xavier's College, Kolkata including the Bengali Literary Society. The initiative also featured 'Dashovuja Bangalee' on 22nd February for felicitating 10 Bengali Stalwarts from various walks of life both from India and Bangladesh in both years.

A series of virtual knowledge sharing sessions called Knowledge and Ideas Xchange series (KIXs) and few other online interactive sessions were organized by SXCCAA since lockdown and throughout 2020 thereafter. The topics of these sessions included sessions on Fitness and Common Orthopaedic Health Tips, Online

/ Electronic Frauds, Bursting Myths & Health Tips on Diabetes, Various aspects of Infrastructure Development in Urban Bengal, Is Media more dangerous than Helpful?, Illusion / Mind Hacking, Busting Myths and Knowing more about COVID-19, Behavioural Changes in Financial Markets and Investment Opportunities in the post-COVID economy, Dealing with Adolescents & Teenagers in the 'New Normal' etc.





- SXCCAA hosted International Inter-University Challenge Debate in collaboration with the Calcutta Debating Circle both in 2019 and 2020, in which the students of reputed colleges/ universities of the world namely Harvard, USA; Oxford University, UK; Cambridge University, UK; IIM Kolkata; IIT Kharagpur; Jadavpur University, Kolkata and Presidency University, Kolkata participated. The motions for these Debates are always interesting and get huge audience physically and through major media houses.
- Within this Lockdown, SXCCAA initiated a virtual entertainment session for the first time with the bestknown flagship brand name of the Association 'Beyond Barrier: digital version' on 13.05.2020. The session was organized through Facebook Live at the official page of SXCCAA and featured our very own Xaverian and globally acclaimed music composer Pandit Bickram Ghosh presenting an enthralling musical performance. The session had few lacs of reach from the audience joining from all over the world, including hundreds of Xaverians and their family members – through their online presence.
- JAI HO MAA a music video conceptualized by Firdausul Hasan (Immediate Past Secretary of SXCCAA & Film Producer) and composed by Xaverian Pt. Subhen Chatterjee, has featured as an initiative by St. Xavier's College (Calcutta) Alumni Association to present a tribute to Mother Earth, to celebrate World Environment Day and spirit of unity of mankind was launched on 05.06.2020. Xaverians and non-Xaverians come together to pay their tribute to Mother Earth on the occasion of World Environment Day 2020 and also featured in the worldwide release of JAI HO MAA music video.
- With this Spirit and celebrating the anniversary of Quit India Movement, St. Xavier's College, Kolkata (Autonomous) and St. Xavier's College Calcutta Alumni Association organized a Tree Plantation Initiative on 09.08.2020 at SXC Raghabpur Campus. This plantation drive came after massive uprooting of trees during the landfall of severe cyclone Amphan in May 2020.
- In memory of Rev. Fr. Gaston Roberge S.J., who left for his heavenly abode on 26th August 2020, SXCCAA planned an illustrious homage to pay respect to the legendary Jesuit Priest who founded the first film studies centres at Kolkata namely Chitrabani & EMMRC. Under the guidance of our President Rev. Fr. Dominic Savio SJ, St. Xavier's College Calcutta Alumni Association organized a Webinar on The Life, Works and Legacy of Fr. Gaston Roberge SJ on Sunday 6th September 2020. The welcome and keynote Address of the webinar was delivered by Rev. Fr. Dr. Dominic Savio

S.J. and the eminent speakers of the webinar are Legendary National Award-winning film makers namely Shyam Benegal, Adoor Gopalakrishnan, Goutam Ghose, Buddhadeb Dasgupta and Moderator of the webinar is National Award Winning Film Critic Saibal Chatterjee (Xaverian).

A Docu-feature film has also been prepared by SXCCAA with the help of Chitrabani based on the Life & Contributions of Rev. Fr. Roberge which remains as the memoir of the departed soul.

Miscellaneous Activities and Fund Raising Programs:

- The Feast of St. Francis Xavier is observed with due solemnity on 3rd December in 2019 & 2020 at the College premises. SXCCAA members participate in the feast in good numbers every year.
- The College Foundation Day is celebrated on 16th January 2020 with the ceremonial cake cutting and a special dinner hosted by the SXCCAA for all the Fathers at the College Refectory. However, the 161th Foundation Day of St. Xavier's was celebrated on 15th January 2021 at Fr. Camille Bouche Gymnasium / College grounds following COVID 19 protocol.
- Annual Picnic for all the Jesuit Fathers was organized by SXCCAA in the month of January / February in both 2019 & 2020, where around 40 Fathers and 15 Alumni members participated at the picnic.
- SXCCAA members have actively participated in a silent prayerful candlelight procession / prayer services in memory of National and International massacre like the Martyrs of the Pulwama Tragedy, the terrorist attack on a Church at Sri Lanka during the Easter Mass. These services were always led by our President Fr. Dominic Savio SJ.
- Feast of St. Ignatius of Loyola is observed every year with due solemnity in the College Premises on the 31 July every year, also in 2019 and 2020, with good participation of Alumni Association members.
- SXCCAA regularly co-ordinates & assists the faculty & staff members of the College for attending the meetings & seminars with UGC, MHRD, and other such activities & events.
- Every year since last 22 years, Beyond Barriers was getting organized at the College premises as the biggest fundraiser entertainment program of the Associationenlivened with performance of the Biggest Names in the Bollywood music fraternity. The event became an eagerly

awaited one for Xaverians and audience especially on 26th January – India's Republic Day for past few years. Beyond Barriers in 2019 featured performances by Neha Kakkar & Arman Malik and Beyond Barriers 2020 saw performances by dynamic duo Vishal – Shekhar.

- SXCCAA were able to make a humble contribution to the Alma Mater every time with a handsome donation cheque to the Principal of the College & St. Xavier's Community, from the proceedings for the development of the Raghabpur Campus and other development initiatives of the College.
- SXCCAA organized a massive fund raising campaign within the Xaverian network to support the COVID-19 affected population in April 2020. The Campaign was given a global outreach through the Alma Shines platform where we received encouraging responses from all over the community. After accumulation of the donations, our association was able to drive series of relief & PPE kit distribution initiatives across Kolkata and its neighboring districts.
- SXCCAA started the fund raising campaign for the Amphan victims of South 24 Parganas, North 24 Parganas and Kolkata (3 most affected districts by the severe cyclone Amphan) just after a week of the calamity. The Association launched a Gift A Roof campaign which helped in raising funds from multiple pockets including the donation by St. Joseph's College Bengaluru & Colgate Palmolive India Limited donating 1 lac units of Colgate Vedshakti toothpastes for distribution to the villages of the Amphan Victims.

Activities by National Chapters and International Chapters:

 The Alumni Connect gets bigger with the members of SXCCAA getting together several times every year through National and International Chapter Meets – organized to bring on better camaraderie amongst alumni members. Notably, SXCCAA has been able to outreach with its expatriate members across the world through its National and International Chapters namely:

International

- 1) Bangladesh Chapter
- 2) Australia Chapter
- 3) Singapore Chapter
- 4) UAE Chapter
- 5) South Africa Chapter
- 6) Thailand Chapter
- 7) USA Chapter

- 8) UK Chapter
 9) Canada Chapter
 10) Luxembourg Chapter
 National
 1) Kolkata Main Chapter
 2) Siliguri Chapter
 3) Guwahati Chapter
 4) Mumbai Chapter
 5) Pune Chapter
- 6) Bengaluru Chapter
- The National Chapters of SXCCAA have been trying all out to help & contribute in the battle against COVID-19 taken up by SXCCAA in their respective capacities. Remarkable contributions from the members of various National Chapters are as follows: In Mumbai, SXCCAA members had been donating food kits to various NGOs, taking care of street inhabitants and at some places poor street animals, initiated digital initiative to track the migrants living without food and alert the NGOs through social media platforms like Twitter and WhatsApp messages. Those members have also donated to the Relief fund at St. Xavier's Community, Kolkata apart from their separate donations to PM CARES (Central Government Relief Fund) as well as CM Relief Fund at Maharashtra. At Pune, Xaverians joined hands with the local Rotary Club and donated 2000 Personal Protection Equipment (PPE) kits worth Rs. 13.50 Lacs to Sasoon Hospital. They had been also distributing more than 1500 food kits, face masks to truck drivers stranded on highways, security guards and local street vendors, apart from distributing food to 13 workers from UP stuck in Malad area of Mumbai. The Xaverians of North Zone Chapter were not left out as well. The members of SXCCAA based at Delhi had been distributing free cooked meals to the people of Delhi NCR twice a day. They have made collection for feeding 1000 people i.e. 2000 meals a day. Even the members of SXCCAA attached with the South Zone Chapter at Bengaluru had been working tirelessly on a grand philanthropic noble mission which includes food & medical support for homeless and underprivileged people in Bangalore and orphans in the street affected by lockdown due to COVID-19 in the state of Karnataka along with other organizations like St. Joseph's College Alumni Association, Ramakrishna Misson Math (Ulsoor) and other philanthropy organizations - special thanks extends to the members of South Zone Chapter for their sincere efforts.



- St. Joseph's College and St. Joseph's College Alumni/ae Association, Bangalore came forward with a helping hand and contributed a sum of Rs. 2,50,000 (Rupees Two Lacs Fifty Thousand Only) to SXCCAA for carrying out relief work for Amphan Cyclone victims. The donation and pursuance was initiated by South Zone Chapter of SXCCAA based at Bengaluru. A Thanksgiving Letter is sent by Rev. Fr. Dr. Dominic Savio S.J., Principal St. Xavier's College (Autonomous) Kolkata and President St. Xavier's College (Calcutta) Alumni Association to them for this unique gesture and inter – alumni association collaboration towards carrying our philanthropic activities.
- The UAE Chapter in coordination with its parent body St. Xavier's College Calcutta Alumni Association along with Purvanchal Pravasi Milan UAE has made an unprecedented effort with the support of Embassy of India in UAE, Indian High Commission of Dubai as well as the State Government of West Bengal in bringing back the migrants labourers and skilled workers from Bengal back to their motherland from UAE. On 5th July 2020, 174 repatriates came from Dubai out of which 125 are workers employed in construction and gold jewellery making enterprises who lost their jobs due to Lockdown, 5 pregnant ladies, 3 senior citizens above 70 years old and 5 patients needing emergency medical treatment.
- The Second Homecoming of expatriates from UAE had 171 repatriates coming back to Kolkata on 19th August 2020, which was also initiated by St. Xavier's College Calcutta Alumni Association UAE Chapter in association with Purvanchal Pravasi Milan UAE and Marwari Yuva Mancha UAE. This group featured 2 pregnant ladies and 10 Senior Citizen amongst others and sponsorship of 50 jobless migrant labourers has been done by SXCCAA.
- The International Chapter members at Dubai have been kind enough to donate Rs. 3,00,000 (Rupees Three Lacs Only) at SXCCAA which considerably expedited the relief work of St. Xavier's Community and SXCCAA at Kolkata.

Members of other International Chapters met locally & planned their customized contributions to COVID 19 Relief & Rehabilitation in a big way. Since COVID 19 is a global pandemic – their contributions in the local communities made a big impact in the society at large. The gestures were very well appreciated by the President of our Association Rev. Fr. Dr. Dominic Savio S.J.

Participation in JAAI & WUJA Activities:

• After the Last Province Level meeting of JAAI on 25th November 2018 at Press Club Kolkata, SXCCAA Members

participated at North Zone Alumni Congress of JAAI namely NJAAI Milan 2019 at St. Xavier's High School, Patna on 14th & 15th September 2019.

- St. Xavier's College (Autonomous), Kolkata along with SXCCAA have been the privileged host of Jesuit Higher Education Association South Asia (JHEASA) Conference 2019 on 6th and 7th October 2019 which recorded maximum participation of delegates till date.
- A big contingent from SXCCAA led by the President Rev. Fr. Dominic Savio had been fortunate to be part of 9th National Congress of Jesuit Alumni Association of India (JAAI) at St. Joseph's College, Tiruchirappalli on 17th, 18th and 19th January, 2020. It's been a proud moment for all the Alumni members when SXCCAA won maximum number of awards – namely Evolving Education Award, Success in Synergy Award, Landmark Legacy Award and Supporting Spirit Award during the JAAI National Congress for activities and contributions towards society & community at large.

Thanks-giving by Honorary Secretary:

The SXCCAA is today cited as an example, benchmark in the Alumni association movement, not only because we function as a family – as a team, but mainly because we have with us the blessings and guidance of our leader, our President Rev. Fr. Dr. Dominic Savio S.J., whose dreams & constant support to fulfill those dreams gives every alumni activity a different level altogether. I am grateful to him for giving the Alumni this stature, this position of pride and for his generous support. He invokes positive energy into the 'Mass Movement' called SXCCAA. Thank You, Father.

We believe in expanded brotherhood and camaraderie; looking forward to networking across contemporary associations. Most well-connected higher education institutions have now started acknowledging their alumni associations as valuable assets and resources when it comes to fund raising, recruitment and retention. Looking ahead, we are open for more of collaborative alumni engagement campaigns to ensure stronger bonding and relationships.

Also, I would like to put on record our gratitude to Rev. Fr. Dr. Felix Raj S.J., Province Coordinator of the Alumni Associations for his constant support and guidance in taking the movement forward. My sincere thanks go to JAAI & WUJA for accommodating SXCCAA in the array of activities and encouraging our association for getting engaged into more of such social welfare programs.

NIHIL ULTRA. Long live Jesuit Alumni spirit.



Activities taken up by College during the Pandemic

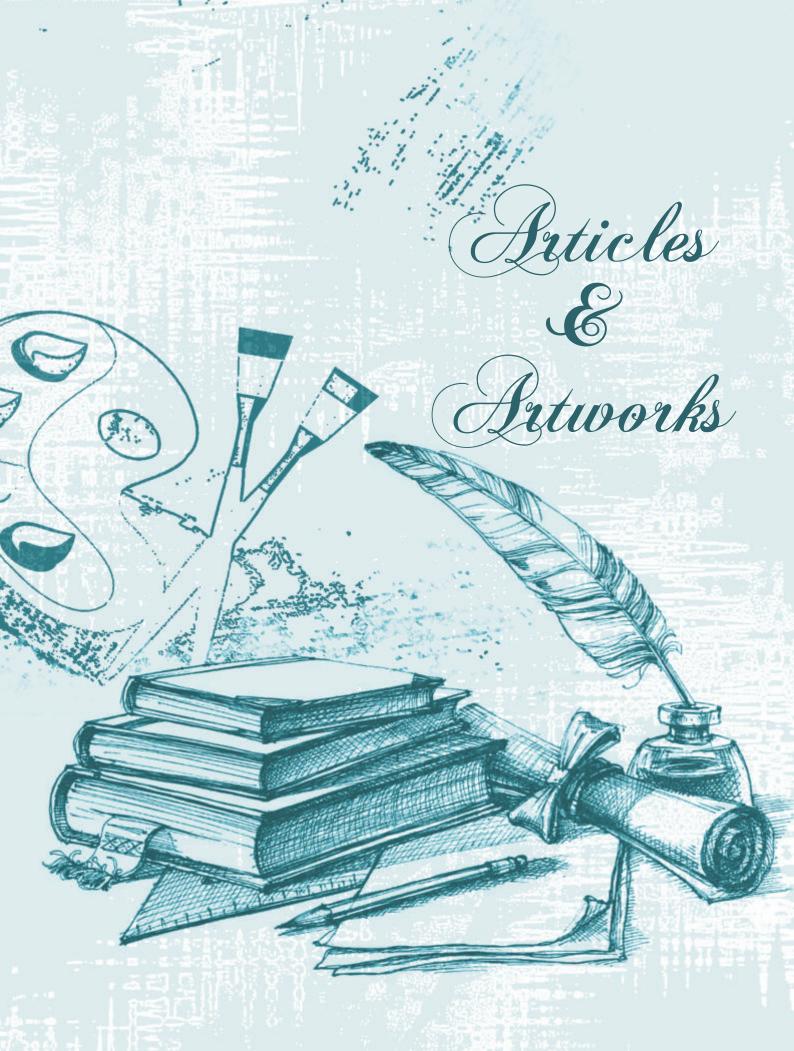
- 1. College has taken up various activities to support the people in need. Some of them are listed below:
- In order to continue the teaching-learning process, the teachers and the administration had to adopt online teaching in a very short time.
- College administration has arranged online counselling facility for those students as well as their parents by professional psychiatrists. The service has also been extended to the teachers aiming at their mental wellbeing.
- In order to keep the students free of any anxiety, regular communications are being made by the Principal through College website. The same is being done for the staff members.
- College had to generate out of box ideas for examinations and evaluations.
- College had to defer the dates of payment of tuition fees. This also has a deep impact regarding the payment of salary to the staff. College has created fund and disbursed full salary in time to the staff.
- St. Xavier's College (Autonomous), Kolkata has a rural campus at Raghabpur which primarily caters to students coming from under-privileged families. College had to extend a helping hand to such students and their families by the support of the Alumni Association.
- College provided food and other essential items to a number of families in need during lockdown period.
- College has provided PPE kits, Gloves, Sanitizers, etc. to a number of health workers.
- College has contributed a sum of money to both Prime Minister's fund and Chief Minister's fund to fight against this pandemic.
- College has prepared hand-sanitizers though its Micro-Biology department for free distribution.
- 2. To facilitate online teaching-learning, professors have been asked to prepare e-learning materials. They have been encouraged to use Information Communication Technologies like Video Lectures, Power-Point presentations, Movie links, Google Classroom, etc. Arrangements have been made for secure transportation of the e-learning materials to students. Digital library materials have been made available to the students through Digital Repository. Students can access these

materials from their residence through secured login ids and passwords. For those students, who are unable to make use of the above technologies, are receiving emails from the College containing the e-learning materials. Group email ids have been created for this purpose. Students can clarify their doubts through emails. Professors have been instructed to designate time on each day to clarify the doubts.

- 3. In order that the staff and students may experience hassle free smooth online teaching-learning, College has purchased licensed versions of "Microsoft Teams" for each of the students, teachers and office staff. A core team of fifteen members were formed comprising of Faculty and office staff, who got rigorous training from the officials of "Microsoft Teams". The core team, in turn, trained other teachers and support staff. Several online training programs were arranged for this purpose. Looking at the elaborative pattern of different combinations of teachers and students, theory and practical classes, attendance system, etc., College decided not to outsource the implementation of the software to any agency. College has arranged extensive training for some staff members so that setting up of the platform can be implemented in-house.
- 4. Orientation programmes for faculty members have already been organised so that online teaching can be carried out effectively. Students are receiving online learning materials from College. Students are also being made aware of online resource materials.
- 5. Several National and International level webinars have been conducted for keeping the knowledge system vibrant and also exposing the staff and the students to the latest developments in the field of academics throughout the globe.
- 6. College is constantly informing staff members and students about webinars on different topics being held. A sizable proportion of staff members and students are attending these webinars. Many faculty members are acting as resource persons in different webinars. A good number of faculty members are themselves preparing online training materials on different subjects. Many staff members have already participated in various online training programmes.

Dr. Ayan Chandra

Member Secretary, Academic Council





A Hopeful Expectance

A hopeful expectance for the end of the life of delusion and devastation, A hopeful expectance for the end of the covetous and biased mind set, A hopeful expectance for the revival of justice, honesty and trust, A hopeful expectance for the end of the blatancy and arrogance of freedom, A hopeful expectance for the end of sufferings of the starving mankind, A hopeful expectance for breaking the impenetrable boundaries of immoral prosperity, A hopeful expectance for the reclamation of divine power and philosophy of life, A hopeful expectance for the rekindling of hopeful anticipation in human mind, Let there be realisation of this ever-desired hopeful expectance, Let there be cognizance of this innate universal desire of mankind.

> Dr. Priyanka De Assistant Professor Department of Biotechnology

Digital Education-the Need Of The Hour

Philanthropist, poet, novelist and humanist as well as the first Nobel laureate of Asia, Rabindranath Tagore believed that education was not confined within the four walls or a classroom, rather lay beyond those walls in the gathering of personal experiences and an individual's willingness to learn. Taking a page out of his book, the movement from the classroom to the online platform amidst the pandemic has not been an easy transition, however, it is perhaps the necessary first step towards education in 'the new normal'.

Nevertheless, is this form of education really the need of the hour? Does a student really need to sit in front of an online medium for hours on end, which by the end of the day leads to a damaging effect on the mind as well as psychological anguish? Being a student myself, I believe that most things when done in limits can have a beneficiary effect, but when done in excess can lead to severe issues with disparaging effects on both the mind and the body.

Needless to say, the online medium has a lot of advantages that the physical classrooms cannot provide at the moment. It enables for a continuity of discussion beyond the single faceted approach in the classrooms, allows the professors to interact and engage as would have been the case in a physical classroom, enabling environmental-friendly ways of discussions and discourse, all the while sitting in the comfort of one's homes. The digital platforms provide for an epistemological space where concepts get the opportunity to flourish without hampering the formal discipline generally associated with formal classes.

With the profundity of all knowledge available just a click away and the world making a move from the physical plane to the network terrain, these online classes have helped in opening up a new perspective towards the world with the online platforms making an engrossing simulation of the physical classroom, complete with the professors and friends. This steady movement has been a welcome relief with several institutions making the attempt to move their resources online in order to facilitate the seamless transference without hindering the education process. Equitable access to all forms of study materials accounts for equality of opportunity, which can also be interpreted as a form of waste-free educationone that is not dependent on the reckless felling of trees for the publication of books. By making resources online, certain institutions have ensured the prevention of deterioration in the quality of education imparted.

While the positive impacts of digitalized education are indeed undeniable, very often the practical issues are ignored. Excessive screen time, be it for online classes or reading online resources takes a toll on the eyes at the end of the day, and its negative effects on the mind cannot be denied. Further, immoderate submission of assignments based on



unrealistic deadlines becomes an issue, at least in the online medium, not to mention that the regular conduct of exams makes the online environment more stressful than enjoyable for the learners. It goes without mentioning that various connectivity issues as well as technical difficulties faced by students need proper addressing, which will allow for an uninterrupted learning platform.

Hence, while on one hand the online classes have come in as a breath of fresh air, it is imperative it remains the same without

posing an additional burden on the students. In the modern day scenario, where anxiety and stress are predominant forces in an individual's mind, primary care should be dedicated to the mental health of the students with an attempt to impart quality education in the best possible method. As such it becomes integral to strike a balance between the digitization of education and the catering of the need of the mental faculties of a student.

Soumyadeep Ghosh

Department of English

Digital Education in the Times of Covid-19

On the 30th day of January, 2020, the first ever Covid-19 case was reported in India, and in less than two months, the world's largest democracy with the second largest population and one of the fastest growing economies in the world went into a complete lockdown. Many of us who witness this would be the first and probably the last such experience. From small shops to heavy industries, from parks and malls to heavily crowded tourist destinations, all wore a deserted look. For onlookers, it were as if the whole of humanity vanished from social places as the fear of this global pandemic gripped all the nations of the world. India, being a much densely populated country was at a much higher risk of disease transmission and hence a lockdown of this nature seemed inevitable.

The one thing that this pandemic brought out as a positive

impact was the "Virtual Connect". This virtual connect, facilitated by various software platforms has enabled people to get connected from the safety of their homes.

India, globally, has the lowest rates per gigabyte of data usage and with electronic devices (smartphones) becoming more affordable, a large chunk of Indian population has access to such platforms. Using such virtual platforms has enabled education to reach more number of people and the online study materials being accessible at the touch of a finger has helped these people in getting quality education without the constraints of geographical displacement. Technology is a great equaliser, bringing access to quality education without the barrier of expensive infrastructure or transportation, thereby enabling the neediest people to get the right education.

Therefore, it is essential that we keep exploring the various tenets of digital education not ignoring the need of physical infrastructure to impart knowledge. One thing that is definitely going to be the cornerstone of modern day education would be a "Phygital" environment of learning and development, integrating the physical and digital infrastructures to impart quality education without biases toward economic or geographical disparities.

> **Prarthita Mukherjee** Department of Education (B. Ed)



Veronica Tarafdar, B.A. Political Science (Hons), 2nd Year



Live the Death...

Even a death can be enigmatic....

When you get awestruck by its charisma, smell its tuberoses, and wear its wreath around your neck,

When the burning incense sticks smell fragrant, candles are lit bright, and you are covered with a white piece of 'peaceful' cloth,

When you have the sandalwood designs on your forehead, and basils on your closed eyelids....look at, and observe its grandeur...

Amidst the melancholic cacophony, the grief of your near and dear ones translate into, when you leave the favourite corner of your beloved home for the last time,

Have you noticed some dreams being re-painted against the azure of the blue sky? Or, may be a new dream that sprouts...in the branch of the spring tree...not to be torn any further.

The New Wave

The pandemic paves its way, For lockdown, fatalities and many miseries on the way, But the evil spell was transformed into a new sparkle, As the new age of digitization followed thereafter.

As everyone was trapped in their homes, Freedom was what one realized one had, Nature so precious, healed now, But previously we failed to believe, It was we who had stifled it down.

Now, no going out, But living needs money throughout, So digitization boom was on its way; Mobiles, laptops increased with medical sale, A new era began, People started saying it's the new normal, But was it normal? No, it was " new" but not so " normal".

Yes, no doubt, Digitization simplified our life, Less travelling, everything at a click, For those who had the reach; But this is not what is true life, Previously life was good, one felt, But for the need of the hour This was the new normal One had no choice but to accept.Dreams which are big or small, dreams which are possible or impossible, dreams which are defined or abstract, dreams which are yellow, orange, red or violet, dreams which are expensive or not so, dreams which have let you live, dreams which you have given a hundred of stitches...or dreams which may have killed you throughout...

....Some dreams you have lived with, some dreams which you have never ever dared to dream...

Come...let's celebrate the death...somewhere it's going to germinate to a new life...all set free to live...on its own, for its own, by its own...no questions, no answers...only a blank script to be submitted.

Dr. Souvik Roy Assistant Professor, Department of Biotechnology,

Health care with medical care, Fitness and knowledge spread, With work from home Everyone got a flexible space to interact And plethora of opportunities laid on everyone's way Those who utilized this new digital Would win the race.

'Survival of the fittest' as Darwin said This pandemic was the test of the same Those who were disciplined, Took all precautions, Following rules and regulations, Wearing mask, social distancing, Shall survive this spell Others may succumb to it Failing to change with the change.

But nonetheless, Seeing positive in negative Family bonding grew Those who had not met and spent time with family Got a chance to Rebalance their life A new beginning it was true

This new wave of digitization, Has tremendously changed our life,



- Adoption of environment friendly ways, Curbing destruction in all possible way, Institutions making education a waste free venture, With less and less of paperwork, More use of technology, A disciplined pedagogy, Leading to sustainable ecology.
- Whom we know not But they pass each day, Helping others day and night, With unity we all can survive And where lies humanity There lies the sparkle of happiness Wiping all the tears of sadness.

Rucita Mittal Deptartment of Commerce (E)

Salute to the frontline warriors of Covid-19, Doctors, nurses, delivery worker and all others,

Distanced, scattered, far apart from each other;

Rooftops of the World...

A miniature portrait full of faces appears on my laptop screen.

WE connect like a leaping ocean tide. The world has come to a halt. But Learning should not stop. Birds aimlessly wander above empty roads and barren boulevards; Humans seek refuge in dusty rooftops. Silent prayers gather like clouds meandering Above and Beyond a city held together by iron-pressed wires full of fresh hope. I sit beside my window. Bougainvilleas curl around its grills. I gaze at the skies. Twittering birds sing songs that give hints of freedom. In the room adjacent to mine, someone is playing the guitar. A broken lyric floats into my room;" Even when we fall, I know we can rise." There is an awkward silence at the beginning of every online lecture. Everyone seems to be engulfed in the smoke of anonymity. But in the glimmer of an eye; all walls collapse, the distance ceases, a bridge is built, silence fades, words emerge, and here we are; in the same Universe. We think. We speak. We learn. We heal. We ferry ideas over this invisible bridge; radiating waves of freedom. I remember Rumi. "What you seek is seeking you", he had said. Now that a virulent virus has churned a storm across the globe; most of us do not know what to seek anymore. Confused, lost, broken, shattered; Humans are confined to solitary cells of their own making. But my laptop screen full of smiling faces and shining eyes is a window to an untravelled world. Suspended between time and space, this is the valley of freedom; this is the glen of peace. To mute or not to mute is the much feared and much adored comic dilemma that fills me with a different kind of amazement. The commingled laughter of a class compressed in a single screen; rooms and walls and plants and windows of different houses come together to build one Home. I can catch a glimpse of a dear friend's Ammi disappearing into the kitchen behind him. I can almost sense the aroma of simmering onions wafting past my nostrils. While, the strong smell of Ma stirring cumin in mustard oil gently hovers above my laptop screen.

The aromas of two different houses blend and melt into an invisible hug.

Once, we both had forgotten to unmute ourselves.

And the azaan from my neighbourhood merged with the resonant echo of conch shells coming from his side of the virtual fence. The Professor paused, we waited with bated breath. WE shared one silence.

This was a different kind of music.

A choir of voices and noises and sounds and sights and smells; that could be heard across the rooftops of the world.

Marley and Tagore and Lennon and Ghalib exchanged a smile, somewhere in paradise.

While I wrote down in my gratitude journal that day; "The strange beauty of online lectures is how they break barriers with an otherworldly grace."

Sneha Das English Honours



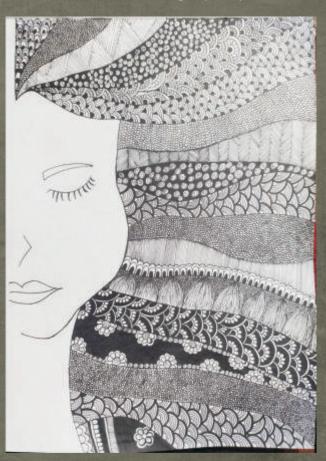
Urvi Teresa Gomes, B.A. English(Hons.), 1st Year



Priyal Khator, B.A. English(Hons.), 1st Year



Urvi Teresa Gomes, B.A. English(Hons.), 1st Year



Priyal Khator, B.A. English(Hons.), 1st Year

-XAVERIAN 2021





We fondly Remember and pray for the repose of the souls of:



- Rozi D'Cruze, , 1st Year B.Ed. Student who passed away in a road accident on 28thJanuary, 2020
- Ms. Sangita Das, IVth Semester History Honours student from the Raghabpur Campus of the College passed away on 11th February, 2020.
- Kamalendu Roy, 87 years old died on 11/3/2020



Dr. Samir Kumar Lobwo, Associate Professor, Department of Commerce (Morning), who passed away on 20th July, 2020. He was 52 years old and had been serving the College since 1/08/1995.



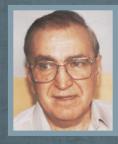
Prof. D.N. Bose, Honorary Visiting Professor in the Department of Physics of our College, passed away on 9th August, 2020. He was 82 years old.



• Prof. T. K. Basu, Retired Professor in the Department of Commerce (Morning) of our College passed away on 11th August, 2020. He was 82 years old.



• Mr. Pradip Kumar Biswas, Head Clerk of our College, passed away on 23rd August, 2020. He was 59 years old.



• Fr. Gaston Roberge S.J., Jesuit Priest, former • Aman Rai, Semester-V Political Director of Educational Multimedia Research Centre and Professor in the Department of Mass Communication & Videography, passed away on 26th August, 2020. He was 85 years old and spent 64 years in the Jesuit Society.



Science student, passed away on 15th October, 2020.



Mr. George Rozario, Retired Support staff member, passed away on 24th November 2020.



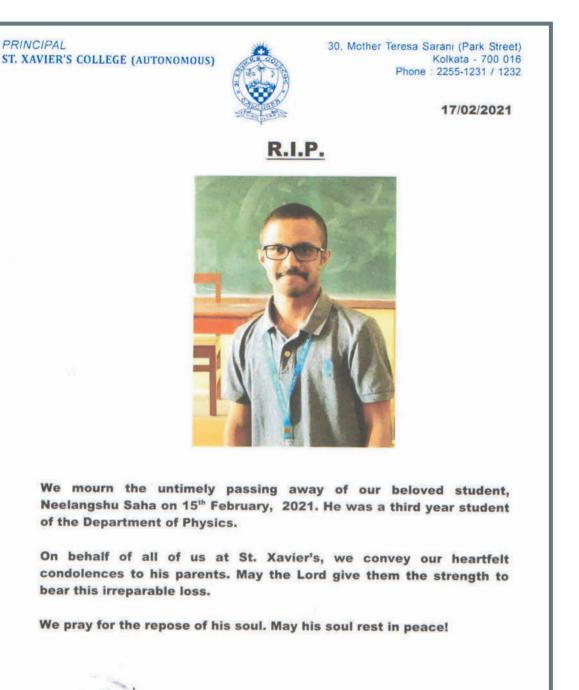
• Prof. Ram Chandra Mishra, Retired Professor in Hindi of our College passed away on 5th February, 2021. He was 92 years old.



• Mr. Pankaj Benani, a dedicated alumnus of our College passed away on 11th February, 2021. He was 49 years old.

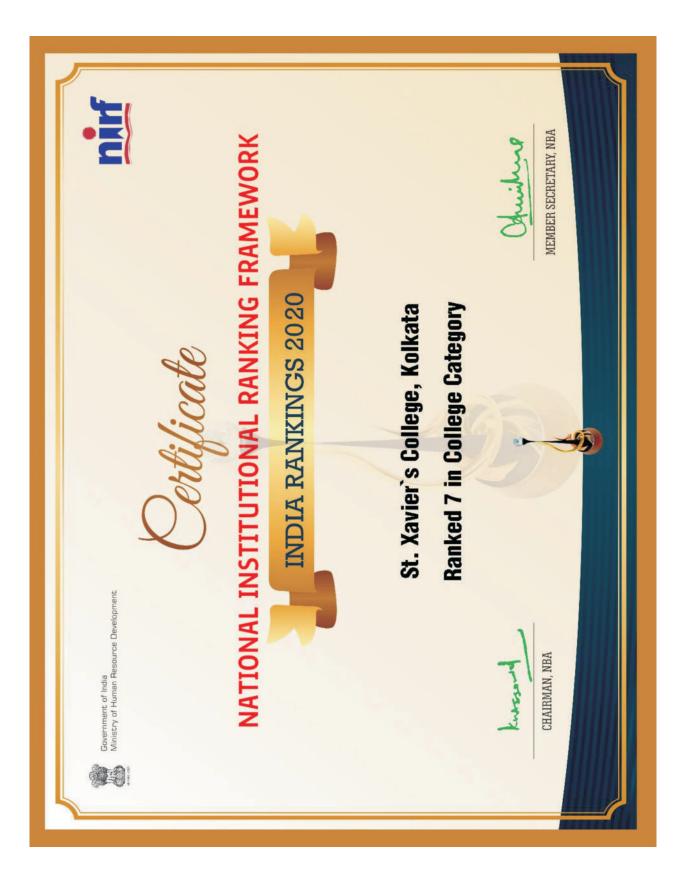
175

PRINCIPAL



Rev. Dr. Dominic Savio, S.J. Principal St. Xavier's College (Autonomeus) Kelkata

Fax : (91-33) 2287-9966, E-mail : principal@sxccal.edu, Website : www.sxccal.edu



St. Xavier's College (Autonomous), Kolkata 30, Mother Teresa Sarani, Kolkata - 700016