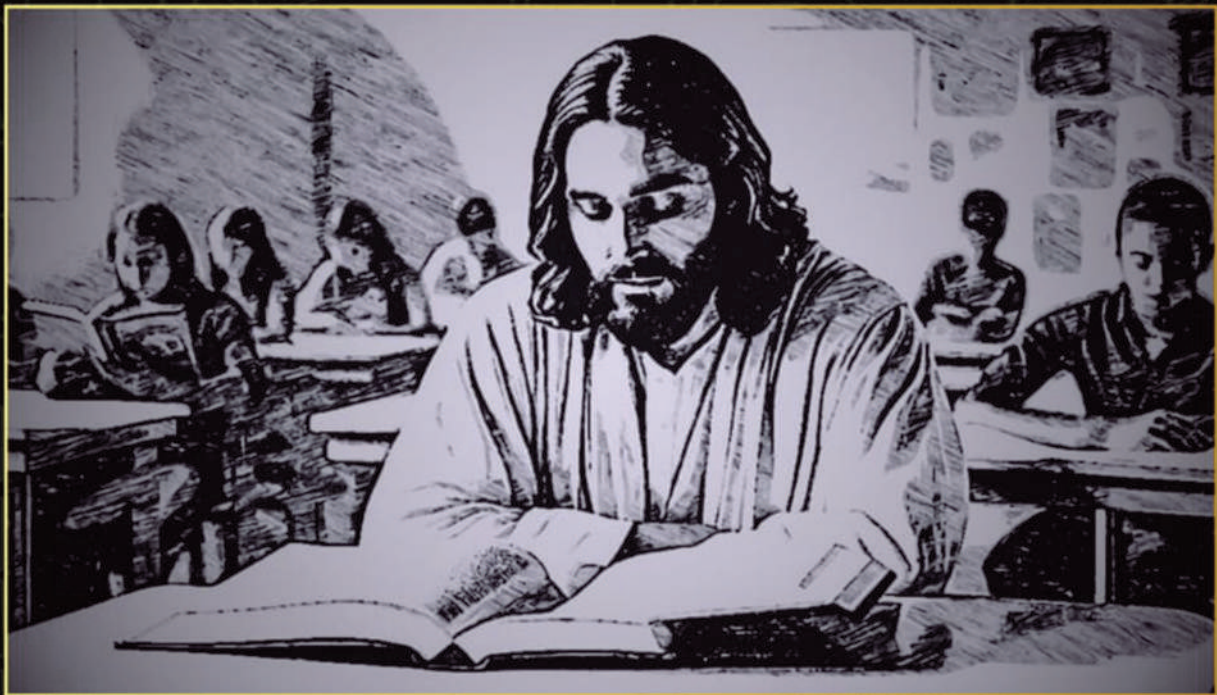




# THE XAVERIAN 2024



St. Xavier's College (Autonomous), Kolkata  
NIHIL ULTRA, NOTHING BEYOND







Ministry of Education  
Government of India



# Certificate

## NATIONAL INSTITUTIONAL RANKING FRAMEWORK

INDIA RANKINGS 2023

St. Xavier's College Kolkata  
Ranked 5 in College Category

  
CHAIRMAN, NBA  
MEMBER SECRETARY, NBA





# THE XAVERIAN

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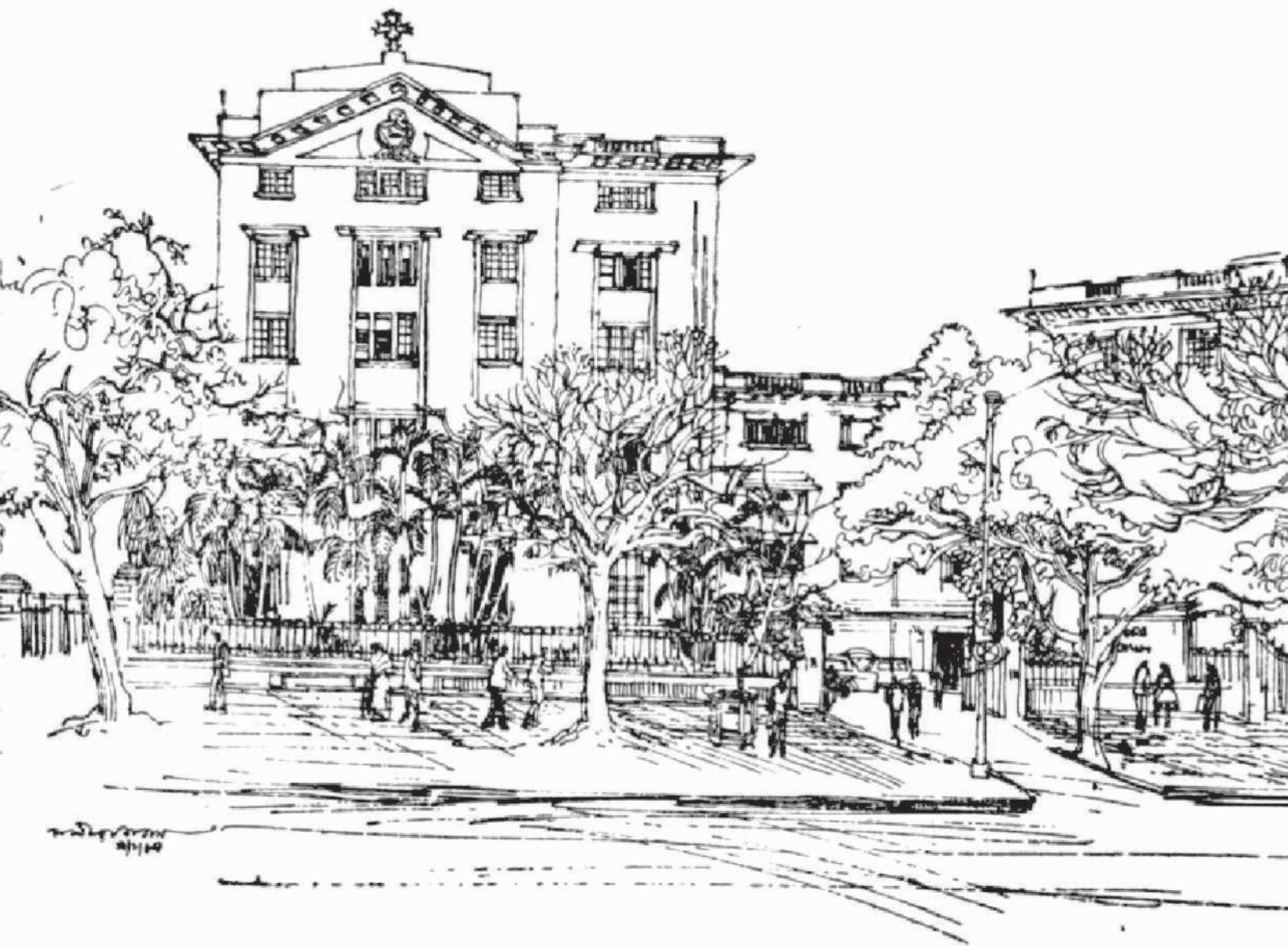
2024

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



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# THE XAVERIAN 2024

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*Principal and Chairperson*

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### SPECIAL ACKNOWLEDGEMENT

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# Editorial

St Xavier's College has remained uncompromising in its commitment to academic excellence. This is evident from its consistent performance in the NIRF rankings of the Government of India. Our heritage institution was ranked 5th by the NIRF 2023. This year, following the National Education Policy (NEP) 2020, the 4-year bachelor programmes were introduced across all the departments. The administration and faculty members under the commendable leadership of our Principal Rev. Dr. Dominic Savio SJ, have worked tirelessly to ensure that the new curriculum reflects the goals enshrined in the NEP 2020. Our courses have been designed to address the demands of a fast-changing global milieu. Inclusivity, multidisciplinary, experiential learning and a problem-solving approach to pedagogy have been central to the curriculum design. We are also very keen on adopting innovative technologies and AI in the pedagogical process.

The theme for Xaverian 2024 is 'Education for Sustainable Development'. To counter the rising challenges the planet faces, the United Nations Educational, Scientific and Cultural Organization (UNESCO) has emphasized the power of education to make life sustainable. The UNESCO believes that education can help in controlling the harm caused to the planet by allowing every human being to acquire skills, attitudes, knowledge, and values to create a sustainable future. Such an education entails caring both for humans and the non-human aspects of one's habitat through responsible action. It includes a pedagogy beyond the classroom where students and teacher should act to create a sustainable future. St. Xavier's College firmly believes in such an endeavour and is deeply committed to the cause for sustainable development as exemplified by its motto, 'creating men and women for others'.

I extend my deepest gratitude to Father Principal Dominic Savio SJ, the Advisory Board, my Co-convenor Dr. Panchali Sen, and members of the College Magazine Committee, without whose sustained efforts putting together this magazine would have been a daunting task.

**Dr. Zaid Al Baset**

Convener

The Xaverian 2024





Reaching out



## Principal's Report 2023

Respected Shri Bratya Basu, Minister in Charge of Higher Education & School Education, Government of West Bengal, our Chief Guest for the programme today, Hon'ble Vice Chancellor of the University of Calcutta, Prof. Santa Dutta (De), the Ramakrishna Mission Vivekananda Educational and Research Institute (Deemed-to-be University), Belur Math, Howrah, our Nihil Ultra Awardee for 2024 - the Hon'ble Pro Chancellor, the Ramakrishna Mission Vivekananda Educational and Research Institute (Deemed-to-be University), Swami Atmapriyananda Maharaj will receive the award on behalf of the Institution, Respected Provincial, Fr. Dr. James Arjen Tete SJ, Respected Rector, Fr. Jeyaraj Veluswamy SJ, Vice Principals, Deans, Member Secretary, Academic Council, members of the staff, teaching and support, alumni/ae, benefactors, parents, well-wishers, friends, and my dear students, I extend a very warm welcome to all of you to this 17<sup>th</sup> Convocation and Valedictory Function of St. Xavier's College (Autonomous), Kolkata. May the Almighty bless us all abundantly!

St. Xavier's is privileged and happy to honour the Ramakrishna Mission Vivekananda Educational and Research

Institute (Deemed-to-be University) as the 'Nihil Ultra Awardee 2024' for their remarkable achievements in the field of Indian Spiritual and Cultural Heritage, in trying to actualise Swami Vivekananda's educational vision of harmoniously blending the best elements of the East and the West. Thank you for accepting this humble expression of appreciation from all of us at St. Xavier's!

St. Xavier's is a 164-year old institution with a history and a heritage which, I am proud to say, we endeavour to preserve. At the same time, we chart new directions into the future in order to propagate the spirit of Nihil Ultra which signifies to us the fact that nothing is beyond our imagination, our grasp, or our achievement.

This vision of limitless academic possibilities began to take shape in 2006 when the College was conferred autonomy. I do believe we have justified that honour over the last 18 years.

For our unceasing efforts to maintain the highest academic standards, we have been honoured with numerous acknowledgements for our academic successes and achievements.







We have been through 3 cycles of NAAC assessment, achieving an A++ grade in the last assessment in 2017.

Our NIRF ratings have further validated our attempts to maintain the highest possible academic values and standards. We have been consistently placed among the ten best Colleges in India by NIRF, MHRD. This year our College has secured the 5th rank in India Rankings 2023 conducted by National Institutional Ranking Framework (NIRF) under the Ministry of Education, Government of India. I congratulate every member of the Xaverian community for all the effort and hard work we have put in together as a team.

St. Xavier's College (Autonomous), Kolkata has introduced the new Curriculum 2023 from the academic session July 2023-24 in accordance with NEP 2020.

We are proud to state that during this academic session, our College started Ph.D. programs in 8 disciplines. Ph.D. Program in Political Science has commenced from this academic session 2023-24. Next on the agenda is to begin a doctoral program in Economics, for which the Inspection team from the University of Calcutta visited the PG and Research Department of Economics and the inspection has already taken place.

And so we gratefully acknowledge the support and confidence we continue to receive from the University of Calcutta, and we personally thank the Hon'ble Vice Chancellor for extending support to our mission of purposeful academic expansion.

Since we envision St. Xavier's to be a research-oriented institution, we have begun to lay greater and greater emphasis on research. Significant and increasing volume of quality research is being undertaken by many Science departments as witnessed by the increasing amounts of research project grants the College has obtained.

We also intend to increase our applications for patents based on research projects with significant practical applications.

In order to improve the research niche in St. Xavier's College, the professors of the College have been encouraged to carry out research projects and accordingly they have been allotted with Intramural Research Fund for a maximum period of two years.

There was an upper limit of Rs. 2 Lakhs for Social Science and Humanities and Rs. 3 Lakhs for Science faculties. The maximum period of Grant is for two years and on the basis of the performance after the first, the grant would be renewed

as per the recommendation of the expert committee. The interviews were held at three different dates for 28 different professors of the College.

A sum of Rs. 31.90 Lakhs was sanctioned to 24 different faculty members, of which ten were from the life sciences, five from the physical sciences, one from the environmental sciences and eight from the social sciences. The Grant in Aid was mainly for equipment and software as non-recurring grant and the recurring grant was for consumables, contingency and travel. This exercise has increased the research culture in our College.

As stated in the Guidelines of the University Grants Commission (UGC), the National Education Policy (NEP) 2020, envisages the promotion of quality research within the Higher Education system. Research and innovation are important aspects to enhance quality education by the Higher Education Institutions (HEIs). Societal challenges of our country can only be addressed by having a strong and vibrant higher education ecosystem with an emphasis on research, innovation, and technology development.

In line with the requirements of the UGC and the NEP 2020 for establishment of Research and Development Cell in Higher Education Institutions, St. Xavier's College has also established a Research and Development Cell in March, 2023 under the Chairmanship of the Principal of the College.

Some of the research activities carried out in the College during the year is furnished below:

- Development of a device producing Alcohol from carbon-dioxide by Dr. Sanjib Ganguly of Chemistry Department in collaboration with IISER, Kolkata.
- A product developed by the Microbiology Department called Tea-bact for holistic improvement in Tea cultivation has gone for field trial in a Tea Garden in Jalpaiguri.
- A three-week online Technology based Entrepreneurship Development (TEDP) Program on Plant Tissue Culture and Mushroom Cultivation, sponsored by DST-NIDHI has been conducted successfully by the Department of Microbiology with 238 participants.
- A sum of Rs. 2 Lakh has been received from IIT Delhi towards joint collaborative research on air pollution monitoring between the Department of Environmental Studies, St. Xavier's College and Centre of Atmospheric Sciences, IIT, Delhi.



As we grow and expand, we recognize that we have used existing infrastructure on this campus to the utmost limit. However, as a Heritage College, we cannot alter existing structures to accommodate the facilities required for further expansion. We have managed so far with dexterous and judicious planning.

But it is now time to expand our boundaries, which is why we have begun the process of building another campus at E.M. Bypass as part of our 'Vision 2025'. Presently home to the Educational Multimedia Research Centre, this campus is envisaged as a Media Hub for the Mass Communication and Multimedia Departments.

Research-based Science departments and some PG departments will be shifted to another wing at this campus to free up space on the Park Street campus.

This campus will host an Incubation Centre for innovation linked entrepreneurship. A Community Radio Station will also be set up here to cater to the information needs of local people.

In the midst of expansion, we remain a College with a conscience whose mission is to reach the benefits of quality education to the underprivileged, the marginalized, and to students from the rural hinterland. I am happy and proud to announce that our Ragabhpur campus has successfully bridged the rural-urban divide and has brought about significant changes in the rural areas it serves. With our generous investment and endowment, the campus, which has been undergoing extensive expansion and upgradation, has opened postgraduate departments, and is looking to offer vocational courses designed to meet and fulfil the needs of the local populace.

We aim to take this commitment and service to society in further directions. So, we have set up a School of Gender Studies to empower girl students/women with knowledge self-confidence and also to facilitate awareness amongst their family members, neighbours and others with regard to gender equality and consciousness.

Skill Hub Initiative at Raghabpur Campus: The first batch comprising 44 candidates have successfully completed their training programme from the Skill Hub under Pradhan Mantri Kaushal Vikash Yojana 3.0 at the Raghabpur Campus of the College. In all, 109 Higher Education Institutes across India and 7 Higher Education Institutes from West Bengal were selected under this scheme.

A new academic block (G+4) building with 60,000 square feet floor space for classrooms and another 3500 square feet for faculty guest room has been constructed in the rural campus.

A multi-utility building of (G+4) with 22,500 square feet is under construction. This building will house the Canteen, the Centre for Gender Studies, the Social Research Development Centre, Laboratories for Geography and Science subjects, and a Vocational Training Centre.

The BAM 1022, Real-Time Portable Beta Attenuation Mass Monitor was installed at the Raghabpur Campus on 17th July 2023 under the Sensor-based Air Measurement Observatory over South Asia (SAMOSA) project.

**Having recounted our academic aspirations and achievements as well as our future goals, I now have the privilege of presenting the Annual Report, 2023.**

Today we are gathered together to congratulate the 2503 under-graduates, post-graduates, B.Ed. and Ph.D. students who will receive their degrees on this solemn Convocation Day. We have shared time and place together and it has been mutually fulfilling. Your presence has enriched the College as much as we have endeavored to enrich your life and prepare you for the journeys that lie ahead of you. Now as you depart, take our blessings and best wishes with you. Cherish and carry with you the ideals and values we have tried to share with you, and I exhort you most of all to always live your life as men and women for others!

**During the year, 9 faculty members have been awarded their Ph.D. Degrees.**

**11 students are awarded their Ph.D. Degrees from St. Xavier's College under the supervision of our Professors:**

Congratulations to all of them!

**During the year,**

- Around 20 faculty members including the Principal have received national and international awards.
- Around 14 books, 5 edited books and 10 book chapters of our faculty members have been published.
- During the year, 14 departments published their annual College and Departmental magazines and journals.
- Around 47 research articles were published in national and international journals.
- Around 18 of our faculty members presented papers in national and international seminars and conferences.
- Three patents were published by our faculty members.





- Around 62 of our faculty members were invited as resource persons and conducted workshops and delivered talks at different institutions of eminence.

As many as 90 national and international seminars and workshops were organized and conducted by the College. Congratulations to all involved!

### **INAUGURATION AND COMMENCEMENT OF THE SCHOOL OF SOCIAL SCIENCES AND HUMANITIES AT ST. XAVIER'S COLLEGE (AUTONOMOUS), KOLKATA**

St. Xavier's College (Autonomous) inaugurated its School of Social Sciences & Humanities on August 22, 2023. The inaugural event began with a blessing ceremony followed by the inaugural session at Fr. Depelchin Auditorium.

An introduction to the School's objectives and planned activities was elaborated which included a range of activities encompassing application and experiential learning and research, organizing multidisciplinary seminars and workshops, and arranging for student internships.

The inaugural session was followed by a panel discussion on Multidisciplinary Possibilities: Views from the Field. Professors from different universities were invited to discuss the need and relevance of multidisciplinary and interdisciplinary social science research with reference to their own experiences.

### **THE CONSULTANCY CELL OF THE COLLEGE**

In pursuance of excellence in the field of research and consultancy, the College has been continuously exploring new areas, where consultancy services could be offered. Based on the recommendations of the UGC and NAAC, the College intends to build a strong foundation of research, consultancy and training. It is expected that our expertise and innovative business strategies will help corporate houses and industries to a great extent.

### **MOUs SIGNED DURING THE YEAR**

The College signed 8 new MoUs with international institutions namely Suzhou Xianghui Technology Co. Ltd, China and Advantere School of Management, Madrid, Spain and with national institutes namely IIT Delhi, Solaire Initiative Pvt Ltd, Orissa, Nordic Centre in India and many others.

### **PLACEMENT CELL OF THE COLLEGE**

The 2022 Placement Session marked yet another amazingly successful Placement record. A total of more than 900 students enrolled from different streams. Out of 1,179 registrations, we have placed 672 students through on-campus drives and off-campus interviews from various departments.

### **EMRC (Educational Multimedia Research Centre)**

EMRC Kolkata, an integral part of St. Xavier's College (Autonomous) is the only media centre under UGC/MHRD to be hosted by an undergraduate college. All other UGC Media Centres are hosted by universities. It is also one of the oldest Centres having been established in August 1986.

The core activity of the Centre is the generation and delivery of educational content in multiple platforms – video, multimedia, web portals and even online. These are developed with the help of faculty and researchers from premiere institutions of higher education and research. Contents are generated for the enrichment of the young and inquisitive with a view to opening a window to the world for them.

EMRC Centre keeps on setting benchmark in quality and productivity for others to emulate. As a result, this year also the accolade to our crown was the Best Documentary award at the Prakriti Video festival 2023, for "The Magician of the Red Soil" and again in the 24th CEC-UGC Educational Video Festival the jury recommended for Citation "The Magician of the Red Soil".

EMMRC, Kolkata had been given the responsibility to translate 35 UG and 2 PG MOOC courses in Bengali. All the courses have been dubbed / subtitled in Bengali and sent to CEC (Consortium for Educational Communication), New Delhi for further dissemination.

The Centre has further been allotted translation of 45 UG courses from English into regional language. In its attempt to reach education to pupil's homes, particularly during the pandemic, EMRC-Kolkata created a special digital learning corner along with the regular MOOC courses that are run through SWAYAM platform. The EMRC also launched an e-learning corner called 'Wisdom Online' to help students find suitable courses on Google Classroom.

The Centre can now boast of its own studio which was acoustically treated and made ready for production this year. About 32 programs have also been shot in this new studio.



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

- Mr. Bidyut Kumar Saha, Support Staff in the Physics Laboratory, who passed away on 12/02/2023.
- Mr. Ajoy Phulmali, Support Staff working in the College Canteen, who passed away on 22/02/2023.
- Himanshu Mall, 3rd Year student of Economics (Honours), who passed away on 11/05/2023.
- Nihar Agarwal, 2nd Year, Semester-III student from the B.Com. (Morning) Department passed away on 30th September, 2023.

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

And finally, it is my special privilege to express my deep and sincere thanks to the Hon'ble Vice Chancellor, Prof. (Dr.) Santa Datta (De). We appreciate and depend on your support and good wishes which we value and confidently rely on. As an Autonomous College, affiliated to the University of Calcutta, St. Xavier's is proud of its close association with the University which has been and continues to be generous and supportive in all possible ways. We thank you Hon'ble Vice Chancellor for this association which inspires and motivates us in our quest for excellence.

Nihil Ultra. Nothing Beyond. Because there is indeed Nothing Beyond that we will not aspire to and attain.









# College Profile 2022-23

An Overview- As on 15th December, 2023

FOUNDER	Rev. Fr. H. Depelchin, S.J.
FOUNDATION DAY	16th January, 1860
MOTTO	"Nihil Ultra" (Nothing 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)
NIRF INDIA RANKINGS	5th in College Category
MOU with Universities & Colleges	International - 11, National - 8
ISO 9001:2015 Certified	

NUMBER OF STAFF		
Teaching Staff	426	[Ph.D.: 171, M.Phil: 57]
Support Staff	235	

CAMPUSES
i) Mother Teresa Sarani (Park Street)
ii) Raghampur (Rural Campus)
iii) Educational Multimedia Research Centre (EMRC)

NUMBER OF STUDENTS		NUMBER OF COURSES	
UG	6591	UG	18
PG	1405	PG	15
B.ED.	192	B.ED.	1
Ph.D.	78	Ph.D.	8
Others	477	Others	14
<b>Total</b>	<b>8743</b>	<b>Total</b>	<b>56</b>





# Departments





# Department of B.Com (Morning)



## Report for the academic session July 2022- June 2023

The Commerce programme aims to provide a conducive environment that holistically engages students through an all-encompassing knowledge impartation process. We have widened the scope and depth of the course which enables the students to undertake further studies. We encourage the students to advance their skills helpful in employment through compulsory internships and social activities; to form men of competence, commitment and future-ready leaders who are compassionate in the spirit of Nihil Ultra.

The year began with the preparation of the new course as per the National Education Policy, 2020. We finalised the curriculum and syllabus of the four-year (eight semesters), 176 credits, programme (honours/honours with research) to be implemented from July, 2023.

Teaching-learning is at the core of the departmental ethos. We introduced a new course on Business Data Analytics for existing students in Semester VI. The teaching methodology

intends to engage our students more thoroughly and enhance their learning experience through regular student seminars and group discussions. Advanced learners were identified to facilitate the learning of group members within and outside classrooms. This also ensured collaborative and cohesive learning. The Department has a long-standing tradition of implementing mentorship programs that involve faculty members in the encouragement and holistic development of our students. The objective is to provide help to those students who are facing difficulties in comprehending concepts and are unable to communicate the same to the teacher. Remedial classes were also arranged. We have also implemented a variety of resources to support our students, including a state-of-the-art finance lab, computer lab, placement office, library with a wide range of business resources, and counselling cell.

The department has a dedicated team of faculty members who are passionate about teaching and research. Our faculty members have wealth of experience in the business world and are committed to imparting the best possible education.





Faculty publications in peer reviewed journals were twenty-seven.

Our students excelled in academics and extra-curricular activities. Students carved out a niche for themselves, which aided them in sharpening their interpersonal and

entrepreneurship skills. Many of our students secured ranks in professional examinations. Students 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.







We would like to express our deepest gratitude to Rev. Dr. Dominic Savio, SJ, Principal, for his visionary leadership, unwavering support, and constant encouragement. Father has been instrumental in giving the College, and our Department in particular, a great sense of dynamism. We express our gratitude to Rev. Dr. Joseph Kulandai, SJ, Vice

Principal. His words of encouragement, guidance, hands-on approach to management and advice kept us sailing through the difficult times. Enabled by the guidance and dedication of the Fathers, Dean, Heads of the Departments, Professors in Charges, faculty members, support staff and students we were able to realise our full potential.







Looking ahead, the department is committed to providing our students with the best possible education. We are committed

to preparing our students for the emerging challenges and opportunities.



## Details of Student Seminars/Workshops/Faculty Development Programmes/Conference conducted during academic session July 2022- June 2023

### Student Seminars conducted

Sl.No.	Date (s)	Topic	Speakers
1	8-Apr-22	Faculty Development Program on Insolvency and Arbitration Laws in India	
2	30-Jul-22	Accounting Standards	Mr. Mohit Bhuteria, Partner, Bhuteria & Co.
3	6-Aug-22	Marketing Management	Prof. Chandradip Mitra (Alumnus IIM, Kolkata) And Entrepreneur
4	13-Aug-22	Cryptocurrency and Its Legal Aspects	Mr. Bivas Chatterjee, Special Public Prosecutor, Cyber Laws and Electronic Evidence, Government of West Bengal
5	20-Aug-22	Financial Modelling	Mr. Anurag Singhal, Principal Consultant, Betafin Partners
6	3-Sep-22	Banking and Insurance	Mr. Chanchal Majumder, DGM, UCO Bank (Retd.)
7	10-Sep-22	E-Commerce Analytics	Dr. Srabashi Basu, Analytics Consultant, Freelance Trainer, Ex -Professor in ISI, Kolkata
8	3-Sep-22	Advertising	Mr. Mudassar Hossain, Managing Partner, Ogilvy
9	18-Feb-23	Auditing using Audit Software and Checklist	CA Vivek Agarwal, Agrawal & Co.
10	25-Feb-23	Goods and Service Tax	CA Deepak Jain, CBO, Djas Global
11	3-Mar-23	Sustainable Marketing Strategies for Community Based Livelihood Generation	Mr. Sourajit Ghosh (Global Scholar, Nalanda University)
12	4-Mar-23	Credit Underwriting of Retail Loans	Mr. Siladitya Sen, Deputy Vice President, IndusInd Bank
13	11-Mar-23	Entrepreneurship	<b>Session 1:</b> Mr. Sagar Daryani (Co-founder and CEO of Wow Momo Pvt. Ltd.)  <b>Session 2:</b> Mr. Debabrata Chaudhury (Co - founder and MD of Chowman and Oudh 1590)





Sl.No.	Date (s)	Topic	Speakers
Workshops/Faculty Development Programmes conducted			
1	27 June to 1 July 2022	Data Analysis Using Python [Online Faculty Development Programme in Collaboration with E & ICT Academy, IIT, Kanpur]	Dr. Rahul Garg, Chief Architect of E&ICT Academy & IT Consultant & Director of Prutor.ai, IIT, Kanpur
2	15 Dec. to 21 Dec., 2022	Recent Developments in Accounting and Finance	
3	14 Feb. to 20 Feb., 2023	Pedagogical Innovations in Management Teaching and Research under RUSA Scheme	
Conference			
4	February 10-11, 2023	ICCEEM 2022-23 - International Conference on Emerging Perspectives in Commerce, Economics, Environment and Management “Building the SDG Economy -Emerging Challenges and Prospects”.	





**ST. XAVIER'S COLLEGE (AUTONOMOUS), KOLKATA**  
 NAAC Accredited A++ Ranked 8<sup>th</sup> in NIRF 2022 under "College" category  
 College of Excellence; ISO 9001:2015 Certified;  
 College with Special Heritage Status

**Seminar on:**  
**'Sustainable Rural Marketing Strategies for  
 Community Based Livelihood Generation'**  
 Venue: Room 14, Date: 3<sup>rd</sup> March 2023, Time: 8:15 AM onward

**Rev. Dr. Dominic Savio, SJ**  
 Principal

**SPEAKER: Mr. Sourajit Ghosh**  
 Global Scholar Nalanda International University, Advisor in International  
 Development Organizations in Nepal, Bangladesh and Kenya and Researcher in  
 Social Entrepreneurship Development.

**Rev. Dr. Joseph Kulandai, SJ**  
 Vice-Principal, B.Com. (Morning)



**St. Xavier's College (Autonomous), Kolkata**  
 College with potential for Excellence, College of Excellence, College with a Special Heritage Status,  
 NAAC ACCREDITED A++, Ranked 8th in NIRF 2022 under "College" category, ISO 9001:2015 Certified

**SEVEN-DAY FACULTY DEVELOPMENT PROGRAMME**  
 ON  
**Pedagogical Innovations in Management Teaching and Research**  
 organized by  
 Postgraduate and Research Department of Commerce & Department of Management Studies  
 in collaboration with  
 St. Xavier's College, Internal Quality Assurance Cell (IQAC)

14th February 2023	15th February 2023	16th February 2023
<b>Invited speaker:</b> Rev. Dr. Dominic Savio SJ Principal, St. Xavier's College (Kolkata)	<b>Guests Address:</b> Prof. Dr. Partha Pratap Professor (Faculty and Course Faculty) Department of Commerce and Business Management University of Calicut Kerala	<b>Guests Address:</b> Prof. Dr. Partha Pratap Head, Department of Business Management University of Calicut Kerala
<b>17th February 2023</b> Prof. Dr. Subrata Mukherjee Professor (Faculty and Course Faculty) Department of Commerce and Business Management University of Calicut Kerala	<b>18th February 2023</b> Prof. Dr. Subrata Mukherjee Professor (Faculty and Course Faculty) Department of Commerce and Business Management University of Calicut Kerala	<b>20th February 2023</b> Prof. Dr. Subrata Mukherjee Professor (Faculty and Course Faculty) Department of Commerce and Business Management University of Calicut Kerala

Venue: Room 15 Time: 10:00 A.M. - 4:00 P.M.





# Department of English



*Department of English - UG*

## ACADEMIC SESSION 2022-23

The academic session 2022-23 marked departmental efforts being directed towards framing of the new NEP syllabus which came into force from July 2023. As with most other departments in the College, the transition from the CBCS curriculum to the NEP mode was a challenge for the English Department too. A great deal of effort was directed towards framing of the multidisciplinary and value-added courses, some of which were to be offered to students of other departments as well.

In continuation of earlier academic endeavours of the department, in this academic session too, professors tried their best to balance their teaching load with research pursuits. Students (post-graduate students especially) too were encouraged to actively involve themselves in research, make presentations in various academic forums and if

possible, try to publish in reputed journals. These efforts bore fruit as Aabir Sen a final year postgraduate student published his research article “‘We’re all mad here!’: Becoming God in Bloodborne” in the well-known journal *Games and Culture* (Sage journals, April, 2023). We look forward to such active involvement from students in research and publication in relevant areas of interest in subsequent academic sessions as well. In order to equip students of the department with requisite research skills, the department arranged for special lectures to be delivered to both the under-graduate and post-graduate students. On 16th September 2022 (Friday), Professor Sanjukta Dasgupta (Retired) of the Department of English, Calcutta University, delivered a special lecture on *The Evolution of Indian Writing in English: Colonial and Post-Colonial Perspectives*. Subsequently, Professor Debashish Bandyopadhyay, Department of English, Rabindra Bharati University, gave a special lecture on *Reading Literary and*



*Department of English - PG*

Cultural Texts: A Psychoanalytic Perspective on 19th September 2022 (Monday). Students benefitted immensely from these two lectures.

As a post-graduate and research department, this academic session was especially significant for the initiation of the nascent PhD program in English. Upon initial review of Calcutta University, two professors of the department: Dr Chandrani Biswas and Dr Argha Kumar Banerjee – were selected to initiate the doctoral research program. After a rigorous screening process, the external experts selected four research scholars for Dr Banerjee and five for Dr Biswas respectively to supervise. As a part of the PhD coursework, the department arranged special lectures on a wide range of relevant topics by subject experts from various institutions. The lectures were engaging and fruitful for the scholars: Dr Prayag Ray (on 'Discourse and Power'); Dr Malini Mukherjee (on 'Feminism'); Dr Debasish Bandyopadhyay (on 'Post-Colonialism'); Dr Jayati Gupta (on 'Literary Theory and

Criticism'); Dr Siddhartha Biswas (on 'Violence and the Idea of the Queer'); Dr Medha Bhadra Chowdhury (on 'Post Modernism'); Dr Indira Bhattacharya (on 'Literary Theory and Criticisms') and Dr Debnita Chakravarti (on 'Feminism').





**PUBLICATION & PRESENTATION DETAILS OF PROFESSORS (July 2022-June 2023)**

Name	Publication/s in UGC Care listed journals/ Scopus Indexed etc	Other Journals (State/ National/ International)	Book Review	Book Chapters	Books	Paper presentations in State level/National/ International seminars conferences	Resource Person/ Plenary Speaker/ Invited Special Lectures
Dr Argha Kumar Banerjee	1 (Scopus)		4	1	-----		1
Dr Chandrani Biswas				2	-----	1	
Dr Christina Mirza	1 (UGC care)				-----		
Dr Suchandana Bhattacharyya		1		1	-----	1	
Namrata Chowdhury		1	1	2	-----	1	
Dr Sacaria Joseph					-----	1	

## Department of Political Science

The period from January 2023 to December 2023 was an eventful year for the Department of Political Science. On 17th and 18th February 2023, the department organized its annual flagship event SANSAD. Sansad'23 culminated in two simultaneous events: the Youth Parliament and the Press Committee. While the set agenda for Sansad '23 was the deliberation upon 'The Indian Law regarding Classification and Identification of Criminal Detainees and Convicts' with reference to the Criminal Procedure (Identification) Act 2022, themes of human rights, right to privacy, criminal investigation, punitive politics, and freedom of dissent, provided multi and inter-dimensional deliberations in proceedings. The fourth pillar of democracy was well represented in the Press Committee. In line with the house policy, the press delegates each produced an opinion piece on the agenda, and corresponding beat articles on both days of parliamentary proceedings. The committee engaged in a

separate debate on the motion of 'Elon Musk's takeover of Twitter is a step towards the Freedom of Speech on Social Media', whereupon both proponents and opponents sparred through three engagements: a round robin, questioning session and the summation speech.

On 17th February 2023, the department released the 7th edition of its annual departmental journal Politique. On 25th





*Department of Political Science - UG*



*Department of Political Science - PG*



February 2023, Ms. Megha Marik, formerly, Assistant Professor, Department of Sociology, St. Xavier's College, Kolkata and currently Research Scholar TISS, Mumbai spoke on Shifting boundaries of the Home: Exploring the gender dynamics of housework and employment of IT employees in West Bengal.

In collaboration with the Ministry of Culture, Government of India and the Institute of Social and Cultural Studies, the department organized National Seminar and Extempore competition as part of the Azadi Ka Amrit Mahotsav commemoration. The focus was on a captivating panel discussion on the theme "Nationalism in Colonial Bengal: Remembering the Unsung Heroes," which brought together eager minds to delve into the obscured narratives of revolutionary ardour that coursed through the veins of our unsung freedom fighters. Distinguished panelists included Prof. Sanjeev K. Sharma (Former VC of Mahatma Gandhi Central University, IPSA General Secretary & Treasurer), Prof. Raj Sekhar Basu (Professor of History at Calcutta University), Ms. Sarmistha Dutta Gupta (Independent Scholar-Writer-Curator), Dr. Saumya Dey (Professor from Rishihood University). The panel discussion was moderated by Dr. Argha Banerjee Associate Professor and Head, Department of English, St. Xavier's College. A poignant dance drama, choreographed and directed by the senior students of the Postgraduate Department, took centrestage, spanning a tapestry of sacrifice, love, and triumph.



In recognition of the academic interests of the faculty and students of the department, University of Calcutta has in June 2022 granted affiliation for opening Ph.D programme in Political Science. Dr. Indranil Bose, Dr. Panchali Sen and Dr. Jhumpa Mukherjee have been selected as PhD supervisors. Our faculty members and students have been engaged in various academic endeavours. Soumyadeep Choudhury of Semester 3 PG has contributed a number of articles, From Sannyas to Siyasat: Contextualising Yogi Adityanath in UP Politics - Indian Journal of Society and Politics and Indian Foreign Policy at 75: A Diplomatic Pathfinder for Taliban ruled Afghanistan - International Journal of Political Science and Public Administration besides other publications. Mounamukhar Ghosh, another PG Semester 3 students has



presented a paper titled Locating Subalternity in tribal politics of India with reference to Uttar Pradesh in a state level conference organized by Narajol Raj College, Vidyasagar University. Our students are gradually establishing their imprints in the academic world. The department is proud of its students.



# Department of Sociology



## Department of Sociology - UG

The Department of Sociology was established in 2001. The post-graduate program in Sociology was introduced in 2020. The UG and PG Programs of the department are designed to offer an engaged pedagogy that cultivates the creative and critical faculties of students. Our courses adopt an interdisciplinary and intersectional approach to sociological concerns. The department has been committed to continuous revision of syllabus, innovative methods of teaching and research. This year, we spent our creative energies in designing the BA 4-year program in Sociology.

While aligning ourselves with the NEP 2020 goals of inclusivity, multi-disciplinarity and experiential learning, we have retained our commitment to a critical pedagogy. All members of the department are actively engaged in research and encourage students to participate in academic activities beyond the curriculum.

The success of the department can be accessed by the presence of our alumni in esteemed national and international universities as research scholars and faculty members.

## Departmental Events

DATE	NATURE OF EVENTSPEAKER	Departmental Events
02/08/2022	Monthly Colloquium: Performing Silence: Feminist History and the field of Performance Studies	Dr. Trina Nileena Banerjee Centre for Studies in Social Sciences (CSSS)





DATE	NATURE OF EVENT	SPEAKERS
13/08/2022	Monthly Colloquium: Infectious Social Movements: Sex work in the time of Pandemics.	Dr. Toorjo Ghosh University of Pennsylvania
20/09/2022	Monthly Colloquium: Of Discipline and Interdisciplines: Situating the Indian University in the shadow of NEP 2020	Dr. Debaditya Bhattacharya Kazi Nazrul University
24/09/2022	International Conference: Caste in Bengal	Dr. Sekhar Bandyopadhyay Victoria University of Wellington  Dr. Sarbani Bandyopadhyay St. Xavier's College (Autonomous), Kolkata  Prof. Maroona Murmu Jadavpur University  Prof. Manosanta Biswas Sidho-Kanho-Birsha University  Mr. Kumar Rana Institute of Public Health, Kalyani  Ms. Kalyani Thakur Dalit Feminist Poet  Mr. Rajat Roy Presidency University
07/02/2023	Monthly Colloquium: E-Governing through Speculative Infrastructures: Health and Well-Being in Datafied States in India	Sreya Dutta Chowdhury Universität Leipzig
11/02/2023	Monthly Colloquium: Economic Exchanges of Middle Class Siblings in India	Dr. Nazli Kibria Boston University
27/02/2023 & 28/02/2023	Inter-College Fest 'Verstehen': A two-day festival themed around Education and Inclusivity including a panel discussion, student paper presentations and a sociology quiz.	Panelists:  Mr. Pawan Dhall Queer Activist and Writer  Dr. Abdul Matin Jadavpur University  Dr. Sarbani Bandyopadhyay St. Xavier's College (Autonomous), Kolkata

*Department of Sociology - PG*

### Academic Achievements of faculty members of the Department, July 2022-June 2023

<b>Dr. Sarbani Bandyopadhyay</b>	Published a book chapter and a book review. Convened an international conference, participated in a refresher course, short term course and a FDP.
<b>Dr. Shoma Choudhury Lahiri</b>	Published a book chapter and a book review. Delivered 4 invited talks, participated in a refresher course and a FDP.
<b>Dr. Zaid Al Baset</b>	Presented in an international conference, delivered 5 invited talks and published a book review. Participated in a FIP (Faculty Induction Programme)
<b>Dr. Shaoni Shabnam</b>	Published a book chapter and participated in a refresher course. Presented in an international research workshop.
<b>Dr. Anushyama Mukherjee</b>	Published a journal article and a book chapter. Presented in 5 international conferences and 2 invited lectures. Participated in a FDP.
<b>Dr. Sweta Chakraborty</b>	Presented in an international conference and completed a FDP.

**Dr. Shoma Choudhury Lahiri** received the intra-mural research grant 2023-2024 from the College as a part of their Research and Development program. The committee granted a sum of 1.6 lakh for a period of one year to fund a research titled "Science City and Science Fairs in Kolkata : A Sociological Study of Science Popularisation in Kolkata city".

**Dr. Sweta Chakraborty** received the intra-mural research grant 2023-2024 from the College as a part of their Research and Development program. The committee granted a sum of 1 lakh for a period of one year to fund a research titled "From Journal to Zameen": Science, Pseudo-Science and Rationalist Organizations in Bengal.





## Student Achievements during the academic year

NAME	SEMESTER	NATURE OF ACHIEVEMENT
Soumyojit Dey	UG Sem 5	Awarded certificate of merit for achieving third position in the t-shirt painting competition of Xavotsav held in February 2023
Sayan Sahoo	UG Sem 3	Achieving 3rd position in the Spectrum Quiz, 2nd position in the Verstehen Quiz, 1st position in the Biology Quiz.
Raina Talukder	UG Sem 3	Achieved 1st position in J.A.M, Goonj'22
Pratisruti Guha	UG Sem 3	Published a book of poems in June 2023 (stardust)
Upamanyu Basu	UG Sem 3	Achieved 3rd position in Spectrum Quiz (Team); 2nd Position in Verstehen'23 Sociology Quiz (Team); 2nd Position in "Sui Generis" In Verstehen'23 (Team); 1st Position in Creative Writing in "Innovarium" fest of Scottish Church College
Ronjinee Chattopadhyay	UG Sem 5	Presented whitepaper as a semi-finalist in the Bengal Policy Hackathon, at IIM Calcutta (January 2023), Secured 1st position in Sui Generis in Verstehen 2023
Asmi Gayan	UG Sem 3	2nd Position in RJ Hunt contest during Xavotsav
Aanya Bosu	UG Sem 3	2nd Position in High Jump (Annual Sport's Day), 2nd Position in Street Play for Xavotsav, 2nd Position in 100m Freestyle and 3rd Position in 50m Backstroke in SXC Aquatic Championship, 3rd Position in 25m Backstroke at Cossipore Club, 4th place in women's football for XPL (Titanium), Participated in JUMUN as South Africa Double.
Souritri Santra	UG Sem 3	Secured 2nd position in Enthusia'22 designing competition, won XDF'22 as a team, won the 3rd prize at Carnival of Rust (FAS) in the pixel perfect - designing event, came 4th at a debate arranged by IIMC, got appreciation awards for khwaab (XTS) and literaria'23 (the English Academy) for being in the designing core
Kunal Bhattacharyya	UG Sem 3	Winner BITS Pilani Debate, Winner NITD Debate, Runners up adjudicator Presidency debate, Runners up adjudicator for IITD debate, Runners up IITB debate, Runners up IIMC debate, Winner Literaria quiz 2022, XDF winner and best speaker, 3rd in Heritage College debate, 3rd in NUJS debate,
Ritwik Bhaumik	UG Sem 3	Stood second in the Whispers of The Past event of Samagam 2023 organised by Loreto college in December 2023, Stood second in Guitar Wars event of FETSU Sanskriti at Jadavpur University in April 2023.
Soumili Sinha	UG Sem 5	Secured 1st position in Sui Generis in Verstehen 2023
Mayuraksha Dey	UG Sem 5	Received the Pink Pearl Award from Pinkishe Foundation for contribution towards the NGO's growth, secured 1st position in Sui Generis in Verstehen 2023, Secured 3rd position in Xavotsav relay story telling 2023.
Sanwoy Acharya	UG Sem 5	Co-written and presented a paper on Irregular Migration at International Relations Scholastic Conclave (IRSC), 2023.



NAME	SEMESTER	NATURE OF ACHIEVEMENT
Sneha Chakraborty	UG Sem 5	Co-written and presented a paper on Irregular Migration at IRSC (2023)
Simran Sharma	UG Sem 5	Gold medal in rowing ( women double scull) in the Sun Rising Water Fest 2022 Shillong, 3 Bronze medals in the ARAE FEARA rowing Regatta 2023 Chennai, Bronze medal in the All India University Rowing championships 2023 Chandigarh, Gold and Silver in the West Bengal state rowing championship 2023
Ritika Dwivedi	UG Sem 5	Secured 2nd position in Charcoal painting Xavotsav'23 ; Attended the National Seminar on Nationalism in Colonial Bengal organised by the Ministry of Culture, GOI and the Institute of Social and Cultural Studies (ISCS) collaborated programme "KRANTITEERTHA" as a part of Azadi Ka Amrit Mahotsav
Shilad Sengupta	PG Sem 3	Cleared UGC-NET June 2023
Raka Bhattacharyya	PG Sem 3	Cleared UGC-NET June 2023, Presented in Beyond The Screen: Mass media and society conference in Jadavpur University, Winner in the women's doubles and runners up in the Women's Singles in the Table tennis event for Xavotsav 2023
Diya Lahiri	PG Sem 3	Presented in Beyond The Screen: Mass media and society conference in Jadavpur University
Aharna Maiti	PG Sem 3	Presented in Beyond The Screen: Mass media and society conference in Jadavpur University
Shemusi Maikap	UG Sem 3	Won best actress award in Theatromania (Inter College event hosted by Amity) for Short Film, Participating In Ripples (inter-college event hosted by THK Jain college) for Short Film, participated in JUMUN as South Africa Double Delegation for UNHRC

The Department is working towards the establishment of the Doctoral Programme in Sociology in the near future.







## Department of Bengali



The Post-graduate and Research Department of Bengali has completed a decade in July 2023. The department continues its commitment to fostering excellence in education, research and cultural enrichment. Throughout the year, the department has been dedicated to advancing the

understanding and appreciation of Bengali language, literature and culture.

Students from our department joined the master's degree in reputed institutions like University of Calcutta, Jadavpur



University, Visva-Bharati, Rabindra Bharati University, St. Xavier's College, Raghobpur Campus in Bengali, Linguistics, and Comparative Literature. An ex-student, Sumedha Gupta cracked UGC-Net with Junior Research Fellowship. Debarati Das joined in the Textiles Department, Govt of West Bengal as Divisional Assistant. Jitesh Dey has joined as a trainee for the post of Deputy Manager in Axis Bank.

The department had its 4th Maitreyee Sarkar Memorial Lecture on 4th April, 2023. Dr. Siddhartha Biswas, Professor, Department of English, University of Calcutta gave an interesting lecture on 'Banglar Goyenda' (The Detectives of Bengal). The Fr. Depelchin Auditorium was full of enthusiastic young students across departments. The departmental students organized and presented a fantastic cultural programme called 'Shikor'. The event had two parts, - 'Ghore Ferar Gaan' and 'Kobigaaner Lorai'. Both performances received overwhelming audience response.

The Department has 13 students who have enrolled for the newly introduced Ph.D. programme in both campuses. In 2023, we have received 40 Ph.D. applications for the next year Ph.D. programme. The RET examination was held in November.

The new education policy 2020 was introduced in July 2023. The department developed a new curriculum that can open new avenues and corridors for the freshers. The new curriculum has several new opportunities for the students; - some Skill-based courses like Bookmaking and Script writing and various internship possibilities.

This year, the department has also become a part of The School of Social Sciences and Humanities that has opened a new horizon for multidisciplinary research and innovation.

The departmental professors took part in several national and international seminars, refresher courses, faculty development programs. They also published around six research articles in different journals, contributed chapters in books and edited volumes.

The department always believes in nurturing students, not only academically but also socially and emotionally, preparing them to be well-rounded individuals with a deep appreciation for Bengali language and culture. This belief will continue to spread with new visions, new directions to promote academic excellence, social mobility, community engagement and cross-cultural dialogues.

## Department of B.A. General

The Department of B.A. General and Communicative English promotes excellence in academics and other domains of achievement. The department offers students multiple opportunities to explore diverse areas of knowledge, innovation and practical application. The curriculum is designed in a manner that students get a meaningful exposure to a panoramic range of subjects that enhances their scope of learning. The combination of core and elective subjects sharpens their analytical skills and honest their abilities in a significant way.

The syllabus framed on the lines of the New Education Policy further enhances the students' skills in multiple dimensions. In the new academic session the department has been renamed as Department of Humanities and Social Sciences. The syllabus under the New Education Policy implemented from the July academic session is meticulously designed to enrich the teaching-learning process in a unique way. Besides

the major subjects and languages, the interdisciplinary and value-added subjects are specifically designed to improve student's skills with newer strategies such as projects, paper presentations and group discussions. The Communicative English papers sharpens the student's language skills with the use of audio-visual techniques and other methods. Students of the department are involved in internship programmes in various corporate houses. Students are also involved in a plurality of co-curricular activities such as sports, debate, creative writing, theatre. A large cross section of the students of the department join different sectors such as teaching, corporate houses, administration, hospitality industry, airlines and government jobs.

The department organized Niti Dialogue 2023 on 11th March 2023. The webinar was a first of its kind, an International interdisciplinary Policy Conference with special focus on public policy on Zoom Platform. The International Conference





hosted 6 distinguished speakers from 4 different countries and envisioned to impart students with a broader understanding of policy, policy-making and implementation. Rev. Dr. Dominic Savio, SJ, Principal, St. Xavier's College (Autonomous), Kolkata was the Chief Patron of this conference, Mr. Dighbijoy Samaddar, Senior Research Associate, J-PAL South Asia, and founding member, sub-committee for public policy, global governance initiative (GGI), spoke and shed light on the world of public policy, and life of a policy scholar and associate. Nakshatra Jagannath of B.A. General Department and Soumyajit Paul were student directors and convenors of the international conference under the guidance of Prof. Dr. Chandrani Biswas, Head, Department of B.A. General and Communicative English and Prof. Dr. Jhumpa Mukherjee, Head, Department of Political Science. The speakers were Prof. Viney Pal Aneja, scientist and Former Co-Director of Graduate programs at Department of Marine, Earth, and Atmospheric Science, North Carolina State University, USA. Prof. Aneja has also served as Scientific counsellor to the US Government and allied bodies on matters concerning the environment. Ramamurthy Rallabandi, Former Research Scientist, DRDO-BrahMos, Ministry of Defence, Government of India. Ex-consultant to ISRO on Chandrayaan-I and Mars orbiter mission, and NASA CA CS Puja Anand, Former Deputy Chief Financial Officer, IBA, Government of Australia. Member of ICAI, ICSI, and CAANZ. An alumna of Lady Shri Ram college, University of Delhi. Mr. Amit Chadha, Director, Agile Lead, Financial sector. Currently

working with one of North America's biggest financial institution, Mr. Chadha spoke on the relation between the financial sector and public policy. Dr. Vishal Chadha, Senior Government Doctor, NCT of Delhi. Joint General Secretary, Dadhichi Deh Daan Samiti.

## Student Achievements

Nakshatra Jagannath from B.A. General bagged the highest position on campus placement offer of 21.5 LPA from D.E. Shaw, Hyderabad. Nakshatra Jagannath, as the licenses, and Chief Organizer led the team at TEDx, St. Xaviers College, Kolkata, and acted as a liaison between TED speakers, and college management to ensure a seamless, and successful event.

Nakshatra Jagannath is a research fellow with Council for Strategic Affairs, a USA based think tank. He is actively involved in authoring research articles, and policy briefs for the think tank. Nakshatra also served as a research associate at Raisina House.

Alokan Kundu of Sem-5, BA General participated in several Badminton Championships – 83rd West Bengal Sub Junior and Junior state Badminton Championship, Yonex-sunrise 83rd West Bengal Senior State Badminton Championship, West Bengal, SubJunior and Junior State Ranking Badminton Tournament and many more.



Anuj Shashi Goyal of Sem-5 B.A. General has participated in Presidency University for Inter-College Debate and Jadavpur Model United Nations.

Sujana Khanam of B.A. General, Sem-5 has actively participated in JUMUN'23 of Jadavpur College; XAVRANG'23 of St. Xavier's University in Verses in the Dark; VIVIDHA'23 of St. Xavier's College (Autonomous) Kolkata in Doodling.

## Department of History



The department of History believes in promoting a historical outlook, understanding and knowledge among the students. The professors are not only dedicated towards their duties, but also lay emphasis on adopting new and advanced skills in the teaching-learning process. The department operates in both the campuses, Park Street and Raghobpur. The Park Street Campus offers history under the B.A. General department in the undergraduate level whereas the honors course in History is being offered in the Raghobpur Campus. Currently, the department has 68 students who are regularly

encouraged to participate in different seminars and workshops. Though the campus has been described as the rural one and since its inception in 2014 enrolling primarily the first-generation learners of nearby regions, for the last two years the department has experienced a steady rise in the number of students coming from Kolkata proper and even, outside of Kolkata. The department teaches in bilingual mode as the inclusion of English medium students is on the rise. The professors offer a progressive academic environment within the classroom encouraging the Bengali medium students to





**Department of History - Raghabpur Campus**

adapt to global ideas. The department hosts regular lectures and seminars by prominent historians and academicians. It also inspires students to participate in the inter departmental scholarly lectures and attend students' seminars in different colleges.

## POST GRADUATE DEPARTMENT

The Post Graduate department of History started its journey on 9th August, 2023 in the Park Street Campus. The formal inauguration took place on 7th August 2023. The department has 27 students many of whom belong to other states like Delhi, Jharkhand, Tamil Nadu and North-East Indian States. The syllabus is comprehensive and in tune with contemporary research. The professors always try to ensure that the students develop a critical understanding of history and read analytical works which is necessary for the post graduate studies. Students are encouraged to attend seminars, lectures, visit heritage sites and museums which is an essential part in their knowledge formation.

### New Appointment-

Dr. Sarbajit Mitra has been appointed as Assistant Professor in August 2023 for the P.G department, Park Street Campus.

### Professors' Achievements in the Academic Year 2022-2023

1. Dr. Debarati Ganguly published two articles in international journals, one article in a nationally acclaimed journal, one article as conference proceedings and one article in a UGC care listed journal. She has

participated in two international and one national seminars. She has organized one national seminar at the Raghabpur Campus and one special lecture at Park Street Campus for P.G students.

2. Dr. Tinni Goswami has two international publications (Palgrave Macmillan, Cambridge Scholars Publishing), three national publications. She has participated in one international and national seminar; One workshop organized on behalf of CGS where the students from history also participated. Two book chapters submitted (forthcoming). Apart from that, MOOC lectures for the Courses on Environmental Sociology, Early Medieval India, History of Modern China, Research Methodology in History, and India after Independence.
3. Dr. Shamir Isha has 2 publications under his name. He was invited as the resource person in national seminars.
4. Dr. Sarbajit Mitra published one research article in a journal and one opinion piece in a website.
5. Dr. Pragati Bandyopadhyay has published 2 books and 1 book chapter. She has presented papers in 3 seminars.

## U.G. DEPARTMENTAL SEMINAR

Half Day State Level Seminar, Tides of Revolution; Revolts, Nationalism and Beyond in the Colonial India was organized on 05/04/23 at the Raghabpur Campus. The speakers were Dr. Manas Dutta, Assistant Professor, Department of History, Aliah University, Kolkata, who spoke about The Great Revolt



of 1857 and the Idea of Total War in India. The second speaker was Dr. Mimasha Pandit, Assistant Professor, Department of History, Mankar College, Bardhaman. Title of her lecture was Performing Swadeshi: Practicing Everyday Nationalism in Bengal, 1905-1912.

## POST GRADUATE DEPARTMENTAL SPECIAL LECTURE

Special lecture on History and Historical Traditions: Mahabharata as an Itihasa Text was organized on 15/09/23 at Park Street Campus. The speaker was Dr. Kanad Sinha, eminent historian and Assistant Professor, Department of Ancient Indian and World History, The Sanskrit College and University, Kolkata.

### Students' Achievements

1. The students of the UG department, Raghobpur Campus, participated in a national seminar held at Ramakrishna Mission Vidyamandira, Belur and Narendrapur Ramakrishna Mission.
2. The students of the UG department, Raghobpur Campus, attended the seminar titled Revisiting the Intellectual History of India's Struggle for Independence organized by the Department of Political Science at Park Street Campus on 14/08/23.
3. The students of the UG department participated in the Workshop of Hult on 30/09/23.

# Department of Journalism

Media is considered the fourth estate and one of the essential pillars of democracy. Therefore, it is often said that 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 of the nation's development.

The course of Journalism is sought by students from several departments in the College from the faculty of Arts and Science. It has been found that students' involvement and participation are ever-increasing. Therefore, journalism is offered as a generic elective paper, where students from other disciplines (the Department of Mass Communication and Videography, English, Sociology, Political Science, Bengali, Biotechnology, Chemistry, Mathematics, Economics and Physics) opt for as their preferred Generic Elective. Under the NEP academia, Journalism is now being offered as a Minor paper for the said disciplines.

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 so that students are equipped with professional knowledge and inspired to pursue higher studies. With direct access to the library, students' projects are highly research oriented. As for the practical section of the syllabus, students use the College's Central Computer Lab facility. They also get trained on hosting webpages.

Ex-students of the department are working in several regional and national media houses. The interest of students towards journalism is ever-increasing. They are also getting placed in newspaper and television channels and in many digital platforms which cover news, entertainment, sports, etc., worldwide. Many students are pursuing higher studies in the same field in various universities and institutes in India and abroad.



# Department of Film Studies

The Department of Film Studies at St. Xavier's College, Kolkata, offers minor and multidisciplinary courses following the guidelines of NEP and Generic Elective courses under the CBCS curriculum. The courses are offered to all science and arts faculty students at the College. Every year, the department receives several students who, in the future, will either pursue Film Studies in their higher studies or do academic research. Scores of our students also tend to join different production houses, print media offices, or undertake full-time or freelance activities as film critics. Some have already gone into academics, completing their MA., M.Phil., and Ph.D., or have joined filmmaking institutes such as FTII, SRFTI, etc.



The department regularly organizes special lectures, seminars, and workshops. For the past three years, the department has been collaborating with the film society of the college, Xaverian Film Academy, to organize students' seminars. The department wholeheartedly encourages students to take part in other national seminars and film competitions as well. The various prizes they have won in such competitions are too numerous to be recounted here.

On March 31, 2023, in collaboration with the Xaverian Film Academy, the department conducted a students' seminar on OTT platforms, new media, and cinema. Students from across the city participated in the seminar, and faculty members from the college and other institutes wholeheartedly participated as chairs and moderators.

The department also has a film library and subscriptions to several film streaming and OTT platforms for the students. All the classes take place in state-of-the-art AV classrooms. The department also offers a skill-based paper to the BA General students of the College. The course is offered for one semester, during which the students are introduced to the chronology of film history and the basic aspects of film language.





# Department of Multimedia



The Department of Multimedia offers a 5-year integrated Multimedia course which consists of three separate programs running parallelly. A student with a degree in multimedia can opt for a specialization in one of three streams: animation, design or film studies. The first batch with an integrated M.Sc. Multimedia degree with specialization passed out in 2023. This academic year the department has also implemented the recommendations of the New Education Policy 2020 and the first batch as per the same has already begun.

At present we have four fully equipped computer labs, one light board room for animation, one fully equipped sound studio, one chroma room for VFX and lighting design classes, besides our regular classrooms and other growing facilities. The department uses industry-standard equipment and training to impart professional as well as theoretical knowledge to students in their respective areas of specializations.

Every year we have a variety of companies where our students find employment opportunities after graduating and this year too was no different. Among the ones who have

found placement are: Anwesha Dasgupta at PWC, Shirsha Bhattacharjee as an executive graphic assistant for RP-Sanjiv Goenka Group, Soumyadeep Dasgupta as a creative manager for Digital Edge 360, Subhra Subha Das as a 3D Generalist for Vikaseitum Technology, Samadrita Banerjee as a creative assistant at Nirmalya Entertainment Organisation, Sreshtha Ray as a preproduction and 2D animation artist for Graph Animation Studio, California (WFH), Disha Chakraborty as an art and illustration associate for Banzan, Kochi (WFH), Agnimitra Pal as a motion graphic designer for ICICI, Satavisha Bal as a digital marketing executive for PayGoal Business Solutions Pvt. Ltd., Annasha Pal as a junior graphic designer for Luxeveda, Bengaluru, Sarodi Bagchi as a graphic designer for Geek Picture India, Debolina Chandra as a graphic designer for The Kaffin Group. A number of students have also gone into independent freelance work and some have also turned to further studies and research.

Our extra-curricular events are often treated as practical training grounds for visual culture and media students by giving them hands-on experience in a variety of fields – planning, budget, designing, execution, analysis and reflection. This year the department came together to put up



a grand show at the departmental parade held during the Annual Sports Day where the departmental tableau was awarded the most attractive contingent. The Multimedia Department is committed to inculcating an ethos for visual

cultural practices among its students through both curricular as well as extra-curricular activities, while also maintaining a training level that can prepare them for their professional lives in the most comprehensive manner possible.

## Department of Biotechnology



The Postgraduate and Research Department of Biotechnology equips students and generates human resources to meet the requirement of trained personnel worldwide in the multi-disciplinary field of Biotechnology in research and industry. Meritorious students join the department every year. Not only do they excel in academics, but they are also at the forefront in extracurricular activities, representing the College in the field of sports and performing arts. This year, several students have qualified national level competitive examinations such as CSIR-UGC National Eligibility Test (NET), DBT-BET and GATE. Students have also attended and presented papers at seminars and workshops at various institutes nationwide.

The department has a total of ten full time faculty members. The faculty members of the department are actively involved

in research in various fields like cancer biology, structural biology, epigenetic regulations, plant physiology, biochemistry and molecular biology, genomics and bioinformatics etc. The department is well equipped with modern laboratories.

During 2022-2023, the department faculties mentored 17 research scholars pursuing their PhD degree, along with several interns. Professors have published several research papers in high impact journals. Dr. Meesha Singh was awarded Ph.D. in July 2023 under the joint supervision of Dr. Mahashweta M Ghosh and Dr. Sayak Ganguli from St. Xavier's College (Autonomous) Kolkata, Ph.D. program affiliated to University of Calcutta. Ms. Shrestha Chakraborty has submitted her doctoral thesis under the supervision of Dr.



Jhimli Dasgupta. Dr. Ronita Nag Chaudhuri received new extramural grant from DST(SERB). Dr. Souvik Roy, Dr. Sayak Ganguli, Dr. Arindam Bakshi and Dr. Ditipriya Hazra have recently received startup intramural research grants from St. Xavier's College (Autonomous) Kolkata.

Dr. Souvik Roy has received Best oral presentation award (National-level Award) on "Assessing Public Health and Sanitation Status to Promote Preventive Healthcare in India" at a National Conference on "Current Industrial Trends in Life Science Research", 2023, organized by ITLS Academy, Lucknow and Microbiologists Society, India (MBSI; Reg. No. MAHA/4814/SAT). Dr. Roy has also delivered an Invited Lecture on the Topic, "Assessment of the Potency of Garlic as a Natural, anti-TB Phytomedicine" at the Department of Microbiology, West Bengal State University, Barasat, West Bengal, in 2022. Dr. Priyanka De acted as resource person in Zoology Departments (M.Sc.) of Asutosh College and IGNOU. Dr. Sayak Ganguli delivered two invited Special lectures at the Department of Biochemistry, West Bengal State University on Computational Biology and Bioinformatics in January 2023. Mr. Gaurab Aditya Dhar, an intern working under the supervision of Dr. Sayak Ganguli has received 'Special Appreciation Award' in the International Seminar and Workshop on CRISPR/Cas-based Plant Functional Genomics & Computational Modelling, organised by CSIR – North East Institute of Science and Technology, Jorhat, Assam. Scholars working under the mentorship of Dr. Aniruddha Banerji presented their research work in several national and international conferences.

12th edition of "Chiasma - A Crossing over of minds", the annual magazine of the Department of Biotechnology has been published on 22nd November, 2022 where Dr. Priyanka De and Dr. Sayak Ganguli acted as editors. Dr. Jhimli Dasgupta and Dr. Sayak Ganguli actively participated in organising "Professional Scientific Development Programme" PSPD 2022 organized by St. Xavier's College (Autonomous), Kolkata. Department of Biotechnology has initiated Alumni Seminar from July 2023.



Launch of Departmental magazine 'Chiasma' in Nov, 2022

## Research Scholars:

Name of Faculty	No. of Research Scholars
Dr. Jhimli Dasgupta	5
Dr. Sudipa Saha	2
Dr. Aniruddha Banerji	2
Dr. Ronita Nag Chaudhuri	6
Dr. Sayak Ganguli	2

## Publications by faculty members of the Department:

Name of Faculty	Publications in the Journals and Book Chapters
Dr. Jhimli Dasgupta	1 (in Journal) + 1 (Book chapter)
Dr. Aniruddha Banerji	2 (in Journals) + 3 (Book chapters)
Dr. Ronita Nag Chaudhuri	1 (in Journal)
Dr. Sudipa Saha	1 (in Journal)
Dr. Priyanka De	4 (in Journals) + 3 (Book chapters)
Dr. Souvik Roy	9 (in Journals) + 2 (Book chapters)
Dr. Sayak Ganguli	6 (in Journals) + 3 (Book Chapters)
Dr. Arindam Bakshi	4 (in Journals)
Dr. Ditipriya Hazra	2 (in Journals) + 1 (Book chapters)

## Section 1 : Field Trips



- A) With the SDO Mr. Monojit Basu, of Purulia, for sample collection from tribal members of Purulia.
- B) Buccal smear collection from Savar tribal subjects for Genome analysis

14th - 18th October 2022





Faculty development program titled as “Professional Scientific Development Program” organized under the DBT Star College Scheme in November 2022.



### Alumni Seminar Series

The Department has initiated a series of alumni seminar and interactive sessions from the current academic year. Alumni of the department, currently placed at different national and international institutions of repute have been invited to deliver their presentations on their respective areas of research and the senior most batches semester 9 and semester 7 are participating wholeheartedly in the sessions which are being organized efficiently by Dr. Uma Siddhanta, the senior most faculty of the department.

## Department of Chemistry





## Seminars and workshops

- 2nd August, 2022: Dr. Soumya Mukherjee of Department of Neurology, Washington University, delivered a lecture to UG students of Chemistry.
- 15th and 16th September, 2022: “National Seminar on Chemical Sciences- NSCS 2022, from Academia to Industry” where a total of eight lectures were delivered by eminent scientists and industry professionals like Prof. Anindya Datta of IITB, Prof. Modhu Sudan Maji of IITKGP, Professor Gopal Das of IITG, Dr. Amitava Pramanik, Professor, IISc. Bangalore (Ex-Director, HUL), Prof. Jyotirmayee Dash of IACS Kolkata, Prof. Ankan Paul of IACS Kolkata, Prof. Sanjit Konar of IISER Bhopal, and Prof. Sujoy Baitalik of JU. A scientific poster session was held for students/ research scholars and faculty members. There was also a poster session for the students and researchers.
- Prof. Sharba Bandyopadhyay of Department of Electronics and Electrical Communication Engineering, IITKGP delivered a classroom lecture on 16/11/2022 for the students of the Departments of Chemistry, Physics, Microbiology and Biotechnology.
- On January 05, 2023, the department organized a panel discussion on “Career Opportunities in Academia & Industry”. The panelists were Dr. Sourav Chakraborty of Central Connecticut University, US; Dr. Syamantak Ray, Fulbright post-doctoral fellow at UC Berkeley, US and Mr. Anirban Basak, MBA, Assistant Manager, The Smart Cube, India.
- Professional Scientific Development Program 2022 in association with Department of Physics, Microbiology and Biotechnology was organized by the Department of Chemistry during 23rd – 30th November 2022.
- Department of Chemistry celebrated the “World Environment Day” along with the Department of Environmental Studies, Microbiology and NSS on 5th June 2023. Dr. Kashinath Bhattacharya of Visva-Bharati University addressed the gathering.
- “Workshop on Artificial Intelligence: A tool for Modern Research” was organized by the Department of Chemistry during 13th – 15th March 2023.

## Research publications of the Faculty Members

- S. Dinda, S. Pramanik, J. Basu, S. C. Patra, K. Pramanik and Sanjib Ganguly, Dalton Trans., 2022, 51, 10121-10135.
- S. Pal, S. Dinda and Sanjib Ganguly, J. Organomet. Chem., 2022, 968-969, 122355.
- S. Dinda, Koushik Sarkar, B. K. Panda, K. Pramanik and Sanjib Ganguly, Transition Metal Chemistry, 2022, 47, 31–38
- S. Dinda, D. Maitra, B. Roy, P. Khan, A. Samajdar, Arup Kumar Mitra, S. Roy, A. Mondal, K. Pramanik and Sanjib Ganguly, Chemistry Select, 2022, 7, e202202151.
- Satya Priya Moulik, Indranil Chakraborty, Animesh Kumar Rakshit, J. Surf. Detergents, 2022, 25, 703-727.
- Dipankar Das, Rabiul Alam and Mahammad Ali, Analyst, 2022, 147, 471.
- S. Naskar, S. Halder, G. Kanrar, D. Jana, S. Dinda, K. Pramanik and Sanjib Ganguly, Polyhedron, 2023, 235, 116342
- J. Basu and Sanjib Ganguly, Resonance, 2023, 28, 279-291.
- Tuhina Mondal, Poulami Hota, Koushik Sarkar, Anup Debnath, Bikash K. Shaw and Shyamal K. Saha. New J. Chem., 2023, 47, 8102-8110.

## Faculty Development Program attended by the Faculty members

- Dr. Rahul Sharma, Mr. Dipankar Das and Dr. Koushik Sarkar attended “The Nuances of Scientific Writing and Publishing” from 11th July to 19th 2022 by All India Association for Christian Higher Education, New Delhi and Madras Christian College (Autonomous), Chennai.

## Achievements of students

- Rajanya Sarkar ranked 12th, Arko Saha ranked 63rd, Swagata Bhowmick ranked 69th, Anushka Mitra ranked 84th, Ahana Sarkar ranked 165th and 5 students secured rank between 200 - 250 in IIT-JAM 2023.
- First position in 25th “ChemiQuiz” organized by Department of Chemistry, Presidency University, Participants: Alok ApanSwatiputra, Debaarjun Mukherjee, Pritha Ghosh.



- First position in “Elements 2k22” organized by Department of Chemistry, RKMRC Narendrapur, Participants: Alok ApanSwatiputra, Ipsita Choudhury, Pritha Ghosh.
- First position in “Chemathon-II” organized by Department of Chemistry, Adamas University, Participants: Alok ApanSwatiputra, Pritha Ghosh, Saptarshi Bhattacharya.
- On celebrating National Science Day 2023 organized by Department of Chemistry, South Calcutta Girl’s College, Rajarshee Dey and Debangshu Laha secured First position while Soumita Layek and Proeiti Basu secured Third position on 28th February, 2023.



## Summer Internships by the students

Name	Institute
Ritwika Maiti	IISER-K
Anindita Das	IIT Kharagpur
Rajarshee Dey	Presidency University
Sanjukta Debnath	IIT Kharagpur
Soumita Layek	IIT Kharagpur
Joita Dey	IISER-K, HBCSE-TIFR
Jhanhwi Pathak	SXC
Sayanava Sarkar	IISER-K
Proeiti Basu	HBCSE-TIFR
Meghna Roy	HBCSE-TIFR
Tias Nandy	Central University of Allahabad
Shakira Mandal	IIT Kharagpur
Debangshu Laha	Presidency University
Shreyankita Dutta	IIT Kharagpur
Sumedha Sen	IIT Roorkee
Rudranil Chowdhury	Ashoka University
Alankrita Negi	IIT- Delhi
Sohome Upadhyay	IICB, Presidency University

# Department of Computer Science



Department of Computer Science - UG

**Department of Computer Science - PG**

The Postgraduate and Research Department of Computer Science has continued to strive forward in ensuring that students get a holistic education during their stay in this College. In the last one year, the department organized a

participated in Codeplay, X-Hunt, Digibit, Crypt-X, Byte Tales, Em-Bleed, Webbed, Brainstorm, Verb-O-War, Pitch-To-Rich and Cube-X in the tech fest. In addition to many competitive events, Dr. D. P. Duari, Director, Institute of Astronomy Space and Earth Science (IASES), Kolkata presented an unforgettable talk on Technological Advancements in Astronomy during the technical session of the tech fest. Mr Gulab Mondal presented a Tech Talk on Extreme Hacking.



seminar titled "Trends and Techniques in Computer Science" on 23rd September 2022. Mr. Soumitra Poddar, an entrepreneur and an eminent author engaged the students in an insightful talk on automation during the seminar. Mr. Subhasis Sanyal from CTS shared his expertise on Applications of Cloud Computing in Industry with the students.

The annual technological Fest, Exabyte 2023 was held on 9th and 10th February, 2023. Students from various colleges

As part of an inter disciplinary project, funded by RUSA and DBT Start College Scheme, the Department of Computer Science along with the Departments of Physics, Microbiology and Chemistry organised a workshop on Artificial Intelligence and Tools for Research in March, 2023. The department organised a two-day workshop on Advanced Excel in collaboration with Computer Society of India in June, 2023. Dr. Romit Beed, Prof. Debabrata Datta and Prof. Jayati Ghosh Dastidar acted as resource persons in a One-day Computer





Training Programme for Support Staff, organised by the IQAC on 25/2/2023. The event was funded by National Higher Education Mission. Dr. Anal Acharya delivered a lecture on Role of Library in Sustainable Education in a seminar organised by RCCITT on 22nd March, 2023. Dr Romit Beed acted as resource Person in a Two-Day National Level Seminar on “Revisiting the Intellectual History of India's Struggle for Independence: Decoding the Debates and Discourses Emphasizing the Importance of Thoughts and Actions” organized by Maulana Abul Kalam Azad Institute of Asian Studies, Kolkata between 13th and 14th August, 2022 and delivered a talk on Optimizing Resources For India's Sustainable Development. He also delivered a talk on Relevance of Database Management in teacher education in a Two-day Foundation Course organized by Department of Education, St. Xavier's College (Autonomous), Kolkata on Thursday 13.04.2023. Prof. Kaushik Goswami acted as a resource person for a student's workshop on Website Design and Development, Centre for Journalism & Mass Communication Visva-Bharati University, Santiniketan, held in April - May 2023.

Like the previous years, the departmental Professors have taken active part in research and they have published their work in different UGC listed journals and as book chapters. In addition to this, few of the departmental Professors have acted as resource persons in various academic events. Like the previous years, the students of our department

have made us proud and brought accolades to the College. Many of our students have published their work in different reputed international journals with the supervision of the departmental Professors and have presented papers in conferences. Many of our students have gone for higher studies in NITs and other universities. Few of them have gone abroad for their higher studies. Some students of M.Sc have qualified NET/SET examination and few B.Sc. students have cracked CAT/MAT examination.

The placements have been quite good in this year as well. Companies like DE Shaw, Deloitte, TCS, Infosys, CloudKaptan, Unified Infotech, Springriver – to name a few have recruited the final year B.Sc. and M.Sc. students from the department. The department would like to acknowledge the contribution of all the faculty members and students. The department pledges to provide a wholehearted support in St. Xavier's College's journey to achieve its motto of Nihil Ultra.



## Department of Economics

### Teaching and Learning

Classes were held regularly with special emphasis on Experiential and Participative Learning, Problem-Solving methods, lecture planning and mentoring of students. Faculty members have constantly been in close touch with students to address their academic and counselling needs.

### Evaluation and Student Progression

Evaluation of semester examination was completed satisfactorily by the faculty. Course objectives have been mapped during the process of evaluation. Students of the department performed quite well in the semester examinations. The graduating batch kept up the tradition of

*Department of Economics - UG*

faring exceptionally well in competitive entrance examinations for joining premier educational institutions such as IITs, IIMs, Delhi School of Economics, Paris School of Economics, International Business School (Dubai) and so on. Students' placement record has also been very good.

### Faculty Research and Publications

The faculty members led by Father Principal have twenty-four (24) publications to their credit, in the form of papers in UGC-CARE-listed journals, Books Authored and Edited as also Book Chapters with ISSN / ISBN.

### Student activities including Research & Publications and Sports

Students of our department actively engaged in writing academic papers and presenting the same at reputed conferences under the guidance of the faculty members. They also participated in various social and cultural activities organized by different societies of the College as well as in

inter-college events. Students have won prizes both in academic and co-curricular events. Several students of the department have represented the College in various sports events, the most notable being a student representing our country in various international competitions in archery.

### Inspection for Ph.D. Course by Expert Team from Calcutta University

An Inspection Team comprising of experts from the University of Calcutta visited the department, interacting with Father Principal, Vice Principal and faculty members. We are hopeful of beginning the Ph.D. Course in the near future.

### Introduction of National Education Policy

Under the Guidance of Father Principal, Vice Principal and the external members of the Board of Studies, the faculty worked in close coordination to develop the syllabus, prepare and offer the First Semester Courses under the National Education Policy.



*Department of Economics - PG*

## Meeting with Vice Chancellor of Gokhale Institute of Politics and Economics

Dr. Ajit Ranade, Vice-Chancellor of Gokhale Institute of Politics and Economics, Pune met our Principal Rev. Dr. Domonic Savio, SJ and participated in an interactive session with the faculty members on April 11th, 2023.

## Confluence

On September 12th, 2023, the department hosted its annual summit, Confluence XVI on the theme "Globalisation and India: Which Way Now?" Chief Patron Rev. Dr. Dominic Savio SJ, Principal of St. Xavier's College Kolkata, extended a warm welcome to dignitaries, academicians, and participants. In the inaugural address Father Principal stressed that "Globalisation is a complex process" and that its "deleterious consequences on lives and livelihoods cannot be ignored, especially in developing countries like ours".

Professor Kausik Gupta and Professor Ajitava Raychaudhuri graced the event as Chief Guest and Guest of Honour, respectively. Professor Gupta highlighted India's need to

establish a global brand presence in infrastructure, contrasting it with China's success. Professor Raychaudhuri employed game theory to elucidate contemporary geopolitical relations within the context of globalization. The summit also featured parallel paper presentation sessions by undergraduate and postgraduate students, covering topics such as Trade and Development, Environment and Sustainable Development, Social Sector and Development, and Macroeconomic Policies and Economic Performance. Another highlight was a panel discussion on the summit's

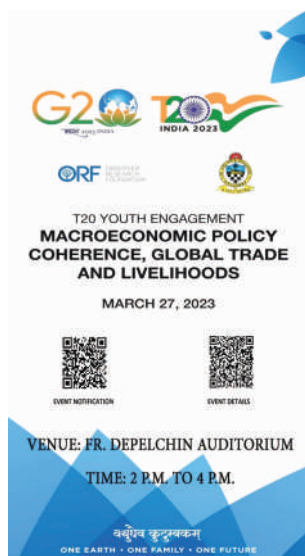


theme, featuring notable experts: Professor Saikat Sinha Roy (Jadavpur University), Dr. Kumarjit Mandal (Calcutta University), and Dr. Biswajit Mandal (Visva-Bharati University). Professor Rajat Acharyya (Jadavpur University) moderated the panel.



## G-20 Program

St. Xavier's College (Autonomous), Kolkata was specially chosen for the Think20 Youth Engagement Event under India's G20 Presidency. The Youth Engagement event was held on March 27th, 2023, at St. Xavier's College, Kolkata on the topic – Macroeconomic Policy Coherence, Global Trade and Livelihoods, in collaboration with the Observer Research Foundation. The event brought together scholars, graduate and post-graduate students from the Department of Economics at the College and also interested students from other academic disciplines and universities in the city. The event was designed to acquaint students with the workings of the G20 as well as the reach, impact, and significance of the T20 platform as an 'Ideas Bank' of the G20.



## International Conference to commemorate Prof. Ronald Winthrop Jones

The Postgraduate & Research Department of Economics in association with Internal Quality Assurance Cell (IQAC) St. Xavier's College (Autonomous), Kolkata, organised a three-day International Conference on "Imperfect Resource Mobility and Economic Adjustments in a Changing World- Celebrating 50 Years of the Specific Factor Model" during 5th, 6th and 7th February 2023. Father Principal, the Chief Patron and inspiration behind the program, delivered the inaugural speech while the keynote address was given by Prof. Sugata Marjit. Distinguished speakers included M. Ali Khan (Abram Hutzler Professor of Political Economy, Johns Hopkins University), Eric Bond (Joe L. Roby Chair & 6 Professor of

Economics, Vanderbilt University), Carsten Kowalczyk (Associate Professor of Economics, Tufts University) and

Donald Davis (Ragnar Nurkse Professor of Economics, Columbia University). Their sessions were chaired by Noritsugu Nakanishi (Dean, Faculty of Economics, Kobe University), Sajal Lahiri (Professor of Economics, Southern Illinois University), Sugata Marjit (Distinguished Professor, IIFT and Former Vice Chancellor, Calcutta University) and Ajitava Raychaudhuri (Professor



Emeritus, Adamas University) respectively. Eminent Economists Prof. Abhirup Sarkar (Retd., ISI Kolkata), Prof. Ranajoy Bhattacharya (IIFT), Prof. Rajat Acharya (Jadavpur University) and Prof. Saibal Kar (Centre for Studies in Social Sciences, Kolkata) delivered invited lectures on various dimensions of "Jones' Contribution to International Economics".

PRINCIPAL  
ST. XAVIER'S COLLEGE (AUTONOMOUS)

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Phone : 2255-1230 / 1231 / 1232

23.03.2023

**CONGRATULATIONS!**

The following students from the ECONOMICS DEPARTMENT of the College have secured top ranks in the IIT JAM 2023 ECONOMICS, IIT GATE 2023 ECONOMICS, and very high percentile in CAT 2023.

CONGRATULATIONS, BEST WISHES AND PRAYERS for their bright future!

NAME OF THE STUDENT	EXAMINATION	RANK
ISHAAN SENGUPTA	IIT JAM (ECONOMICS)	1 <sup>ST</sup>
RITVIK JAISWAL	IIT JAM (ECONOMICS)	2 <sup>ND</sup>
	IIT GATE (ECONOMICS)	4 <sup>TH</sup>
CHARVI DHURVE	IIT GATE (ECONOMICS)	2 <sup>ND</sup>
	IIT JAM (ECONOMICS)	16 <sup>TH</sup>
PARANJAY MUNDRA	COMMON ADMISSION TEST (CAT)	99.31 PERCENTILE
DEVESH MANIRANKA	COMMON ADMISSION TEST (CAT)	99.76 PERCENTILE
	XAVIER APTITUDE TEST (XAT)	99.68 PERCENTILE
BRISTI DAS	IIT GATE (ECONOMICS)	18 <sup>TH</sup>
	IIT JAM (ECONOMICS)	39 <sup>TH</sup>
SRIJANI ROY CHOWDHURY	IIT GATE (ECONOMICS)	43 <sup>RD</sup>
ROHITAKSH AGARWAL	COMMON ADMISSION TEST (CAT)	99.71 PERCENTILE
SURYADITYA BOSE	IIT JAM (ECONOMICS)	25 <sup>TH</sup>
HARSH SHARMA	COMMON ADMISSION TEST (CAT)	99.53 PERCENTILE

Rev. Dr. Dominic Savio, SJ  
Principal  
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# Department of Environmental Studies

## Departmental activities

1. An IPR Awareness Programme on Different Aspects of Intellectual Property Rights was organized by Department of Environmental Studies and IQAC of St. Xavier's College (Autonomous), Kolkata for spreading awareness on IPR among faculty members and research scholars of our College under the scheme – National Intellectual Property Awareness Mission (NIPAM). This Awareness Programme was held on 15.02.2023 and Dr. Kausik Bag, Examiner of Patents & Designs (Gr. 'A' Gazetted), The Patent Office, Kolkata, Ministry of Commerce & Industry, Govt. of India was the resource person.



2. Department of Environmental Studies organized a seminar and workshop on "Green Environment and Sustainability" in Raghobpur Campus on 20th April 2023 and Mr. Abhra Shankar Roy, Senior Research Manager, SwitchON Foundation, Former CEO, Calcutta Solar Power Pvt. Ltd. was the resource person of this seminar.



3. Department of Environmental Studies in collaboration Hulladek Recycling organized a Press Conference with different institutions on the occasion of Earth Day 2023 on the topic 'What is the role of the youth to bring about a change in today's climate crisis? And how are educational institutions encouraging action towards it?' on 21st April, 2023.

4. St. Xavier's College (Autonomous), Kolkata received the GREEN AND ENVIRONMENTAL AUDIT CERTIFICATE (academic year 2022 and 2023) for good and healthy eco-friendly environment created for saving Earth



and Nature from Tropical Institute of Earth and Environmental Research (TIEER). Department of Environmental Studies with the support of Honourable Father Principal, IQAC Team, faculty members and staffs of the College participated in the preparatory activities of the audit.

5. World Environment Day was celebrated on 5th June, 2023 with the inauguration of Plastic Free Canteen, Installation of Automated Plastic Crusher, Initiation of Plastovore and Poster Competition on MISSION LIFE-Lifestyle for Environment along with continuous effort for maintaining the eco-friendly practices in the campus and invited talks by eminent speakers. This programme was jointly organised by Departments of Environmental Studies, Chemistry and Microbiology in association with National Service Scheme (Unit I).
6. A long-term research relationship between St. Xavier's College (Autonomous), Kolkata and Arun Duggal Centre of Excellence for Research in Climate Change and Air Pollution, Indian Institute of Technology, Delhi (CERCA, IIT-D) has been established through Memorandum of Understanding (MOU) in May, 2023 for facilitating collaborative studies and research on air pollution, climate change, and their effects on human health. This collaboration will help in indigenous capacity building on air pollution monitoring, assessment and mitigation among the students and faculty members of St. Xavier's College (Autonomous), Kolkata and explore these research areas by organizing special lectures, workshops, conferences, internships and publications.
7. Students of M.Sc Microbiology were sent to Centre for Atmospheric Sciences, IIT Delhi for Summer Internship



building programme, students learnt satellite/ground data analysis and their application in air pollution studies.



Programme during June- July, 2023 (two months) as a part of the research collaboration among IIT Delhi, Environmental Defense Fund (EDF) and St. Xavier's College (Autonomous), Kolkata. During this capacity

## Papers presented and published

### Dr. Arup Kumar Mitra

- Published 19 books and book chapters
- Published 23 research papers

### Dr. Mahua Basu

- Author of 1 book (in Press) and 1 book chapter (in Press)

### Dr. Sharadia Dey

- Published 2 research papers in Scopus indexed international journals

### Prof. Sanjana Ghosh

- Published 2 book chapters, presented 4 papers, won 4 awards for paper presentation and done 12 NCBI submissions

# Department of Mass Communication and Videography



The Department of Mass Communication and Videography provides the students with a balanced input of both theory and practice. The Department boasts of a faculty with vast

professional experience alongside fervent academicians. The students who graduate from this course make the department very proud in various fields. They enrol in



reputed management schools, and film schools, and pursue higher studies from all over India and abroad. Reputed institutes like the 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 department who go there for further specialisation. Many students also work with reputed film production houses and advertising agencies nationwide.

The department introduced the new NEP curriculum this year for incoming students while continuing to implement the CBCS curriculum for previous batches. Currently, the department is also offering a wide range of multidisciplinary papers under the new NEP curriculum. These papers are also available to students from other disciplines, and we are proud to have such diversity in our department. We have state-of-the-art equipment that enables the students to gain the maximum experience possible before they step into the

competitive field. The students have direct access to the studio, which is equipped with industry-standard equipment, enabling them to hone their skills. The department extensively uses modern teaching methods in practice other than the traditional lecture method, including filming exercises, group discussions, and presentations.

The department has organized master classes with industry professionals and academics, and students have participated in events from other departments, earning recognition. Three students of the department also attended a 6-day wildlife photography workshop arranged by the British Council and National History Museum, followed by their photograph being exhibited in Victoria Memorial Hall, Kolkata. Students of the department also won the Annual Sports Parade Best Contingent Runner-Up award. Teachers from the department have excellent publication records and are often invited to give lectures nationwide as resource persons. Additionally, professors from the department also served as resource persons and offered MOOC courses on the SWAYAM platform during this tenure.

## Department of Mathematics



### Departmental Activities

The Department of Mathematics had organized several webinars/seminars during this academic session. Eminent resource persons across the globe delivered lectures followed by highly interactive question and answer sessions.

Students and faculty members of different science departments of the College as well as other reputed colleges, universities, and institutes of the country participated and presented papers in these events.



## Seminars/ Conferences

Name	Date & Time	Venue / Platform	Speaker(s)	Topic
One Day National Seminar on "Dynamical Systems and its applications"	22.09.2022, 9 A.M. onwards	Father Depelchin Auditorium	Prof. Sandip Banerjee, Professor, Department of Mathematics & Statistics, IIT, Roorkee.	Modelling the Dynamics of Hepatitis C virus with a combined antiviral drug therapy: Interferon and Ribavirin.
			Prof. Malay Banerjee, Professor, Department of Mathematics & Statistics, IIT, Kanpur.	Systematic Dynamical Analysis for local and global bifurcations.
			Prof. Gautam Gangopadhyay, Professor, S.N. Bose National Centre for Basic Sciences, Kolkata.	Non-equilibrium Thermodynamics of Open Chemical Reaction Network: Pattern, Instabilities and Chimera.
			<b>Paper presentation :</b> Agnivesh Chatterjee, 2nd year MTMA	Stochastic Consolidation of lifelong memory

## Departmental talks

Date & Time	Venue / Platform	Speaker(s)	Topic
5.11.2022, 3 P.M.	Room no 42	Prof. Subenoy Chakraborty, Professor, Department of Mathematics, Jadavpur University	Mathematical formulation of Relativity Theory
22.07.2023	Room no 34	Dr. Sombuddha Bhattacharya, Assistant Professor, Department of Mathematics, IISER, Bhopal	Application of Mathematics in Medical Image Processing

## Faculty Development Programme

The Department of Mathematics organized a national-level two-day faculty development programme on "Mathematics and its Applications" during 17th-18th February, 2023 in Computer Labs 3 and 4. This two-day FDP, funded by Rashtriya Uchchatar Shiksha Abhiyan was designed to provide an opportunity for faculty members and research scholars of the field of Mathematical Sciences all over India to come together and learn from one another as well as to share their own research and expertise. This two-day programme focussed on Quantum Computation, Operator Algebra, Non-Commutative Geometry and Partial Differential Equations. The panel of experts comprised of the following eminent mathematicians from all over India: Dr. Debasis Sarkar, Professor, Department of Applied Mathematics, University of Calcutta, Dr. Soumalya Joardar, Dr. Rajib Dutta and Dr.

Shirshendu Chowdhury, Assistant Professors in the Department of Mathematics IISER, Kolkata and Dr. Gautam Pal, Associate Professor, CSRU at ISI, Kolkata.

## Teacher's Enrichment Workshop

The Department of Mathematics organized a 6-day Teacher's Enrichment Workshop on "Groups and Geometry" during 5th June-10th June, 2023 supported by National Centre for Mathematics (a joint venture of TIFR and IIT Bombay). The panel of speakers for this workshop were Dr. Chandan Maity, IISER, Mohali, Dr. Kuntal Banerjee, Presidency University, Kolkata, Dr. Krishnendu Gongopadhyay, IISER, Mohali, Dr. Abhishek Mukherjee, Kalna College, Burdwan, Dr. Soumya Dey, KREA University, Andhra Pradesh and Dr. Subhabrata Das, Presidency University, Kolkata. The workshop was





successfully convened jointly by Dr. Pabitra Debnath, Assistant Professor, Department of Mathematics, St. Xavier's College (Autonomous) Kolkata and Dr. Krishnendu Gongopadhyay, Assistant Professor, Department of Mathematics, IISER, Mohali and this 6 day FDP was a remarkable journey of intellectual exploration and growth for all the participants.

- Agnibesh Chatterjee, currently a 3rd year student presented a paper on "Stochastic Consolidation of Lifelong Memory" at the national seminar on "Dynamical Systems and its Applications" organized by the department on 22.09.2022.
- Fatima Intekhab won the first prize in paper presentation event "Proectura" in Epsilon-Delta 23.

## Student's Achievements

- Anirban Sarkar secured All India Rank-1 in IIT, JAM, Mathematics, 2023.
- Sayak Chowdhury (3rd year), Priyanshu Dey and Prashansa Karmakar (2nd year) won the first prize in IEM Inter College Quiz Fest.

## Faculty Research

Name	No of Publications (July 2022-July, 2023)
Dr. Sucharita Roy	1
Dr. Gaurab Tripathi	2





# Department of Microbiology



*Department of Microbiology - UG*

The Microbiology Department began its journey as a general course in the year 2003, upgraded to an honours course in 2005 and the Master degree program was started from the year 2010. Keeping in mind the departmental goal of research, the doctoral programme commenced in 2015. The department is one of its kind with many salient features, the prime among them being that both UG and PG students are involved in research. Every year students present their research work, both oral and poster, in the Indian Science Congress. All the faculties are concerned about development in this field. Since Microbiology is a multidisciplinary subject, faculties with specializations from across different subjects of Life Science are the pillars of the department, who coexist in harmony with each other like a family and continue to nurture and build students and scientists for the future. The annual academic and cultural event, Modern Trends in Microbiology (MTIM), 20th chapter was held on the 6th and 7th of October 2023 and was a grand success. The PG Lecture series for the final year began with an inspiring talk on Developmental Biology by Dr. Arunima Chakraborty from Jadavpur University on the 25th of August, 2023. A team of 35 students of Classes

XI and XII and two teachers from La Martiniere Girls School visited the department on the 2nd of November 2023 as an outreach programme. Five of the Professors have received the Intramural grant for research work in the current year.

## Some of the contributions of the Professors during the current year are:

- Dr. Arup Kumar Mitra, guiding many Ph.D Scholars, has published at least 15 papers in UGC-CARE, Elsevier, and 8 book chapters. He has been the resource person in many institutes and colleges, notable among them includes the environmental concern about the Ghoramara project. Dr. Mitra is a Fellow of Institute of Ecotoxicology and Environmental Sciences since 2022. He has a strong and successful industrial collaboration with Hindustan Gums and Chemicals Ltd. and active academic collaboration through joint publication and visit with NYU and The University of Gdańsk.
- Dr. Kasturi Sarkar has published 2 research articles and 2 book chapters.



*Department of Microbiology - PG*

- Dr. Sudeshna Shyam Choudhury published 2 research articles.
- Prof. Debjani Dutta published 2 research articles.
- Dr. Mahashweta Mitra Ghosh has published two papers and one book chapter during this tenure.
- Dr. Madhumita Maitra has published a review paper.
- Dr. Jaydip Ghosh has published 2 research articles and 2 book chapters.
- Dr. Lopamudra Roy successfully defended and was awarded the Ph.D degree.

### Some of the contributions of the Scholars of the Microbiology Department are

Fifteen registered scholars are working under different Professors of the department and 7 of them are also assisting in the practical classes as teaching assistants. All of them are involved in publication of research articles, book chapters and presentations at national and international seminars along with their mentors. Bikram Dhara published 3 patents.

### Student Achievements

#### 1. Scholarships:

- Ishita Chandra, UG Semester V: Inspire Scholar (2021 – present)
- Mouli Dey, UG Semester V: DBT INSPIRE SHE 2021 SCHOLAR
- Aritra Ghosh, UG Semester V: Inspire scholarship.
- Soukarya Majumdar, UG Semester III: JBNSTS scholarship awardee
- Sambodhi Roy, UG Semester III: Inspire scholarship

#### 2. Awards:

- Somangee Chakrabarti, UG Semester V: 2nd prize in 'Show it Off', Sigma 2023 organized by Science Association
- Ishita Chandra, UG Semester V: 2nd prize for MTIM 2022 Oral Presentation
- Soukarya Majumdar, UG Semester III: Published and presented paper in 108th Indian Science Congress, 1st prize in Sigma, 'Streak Your Mark',



- Anirban Das, UG Semester V: 2nd prize in Sigma for Paper Presentation, 1st prize in MTIM 2022 for oral presentation, presentation of original research at ISC 2023, Paper accepted for publication in the Journal for Environmental Science and Engineering.
- Dipabali Biswas, UG Semester V: 3rd position in oral presentation at MTIM 2022. 1st position in Sigma 2023
- Aratrik Banerjee, UG Semester III: Article got published in Pebbles 2023, 2nd position in model making competition at SN Bose Science Fair
- Aritra Ghosh, UG Semester V: 3rd position in oral presentation at MTIM 2022, paper presentation certificate from 108th Indian Science Congress, 2nd position for poster presentation and 3rd position in oral presentation at Bilateral Presentation Conference held in October 2022, 2nd position for poster presentation in junior category at international conference on climate change Publication in Journal of Environment and Sociology 19(2) 203-207, Published research article in AVISKAR research journal.
- Arijit Samanta, UG Semester III: Poster presentation at 108th ISC 2023 and research paper got published in the environmental section, 2nd position in model making competition at SN Bose Science Fair 2023, presented a paper in International Seminar ICCEEM 22-23
- Srijani Maity, UG Semester III: Article published in Pebbles, 2nd position in model making at SN Bose Science Fair
- Esha Guha Roy, UG Semester III: 3rd position in oral presentation in MTIM 2022
- Moksh Vora, UG Semester III: Article published in Pebbles 22
- Nikita Parui, UG Semester V: 1st runner up in S N Bose model making competition
- Arijit halder, UG Semester V: 1st runner up in S N Bose model making competition
- Anuja Choudhury, UG Semester III: Article published in Pebbles
- Ritojo Basu, UG Semester V: Poster presentation at 108th ISC 2023 research paper published in EAS Journal of Pharmacy and Pharmacology, vol 5 issue 4
- Soubhagya Ghosh, UG Semester V: 3rd prize in MTIM oral presentation
- Sinchani Chandra, UG Semester III: 2nd position in model making competition at S N Bose Science Fair 2023
- Sreenjoy Saha, UG Semester V: 1st prize for paper presentation in the Bilateral Presentation Conference held in October 2022 in Bangladesh, 2nd position in model presentation in Bilateral Presentation Conference, Published research article in AVISKAR research journal
- Soham Deb, UG Semester III: 2nd position in model making at S N Bose Science Fair.

## Department of Physics

Fr. Lafont Lecture: 1st offline post-pandemic event, 1st Father Eugene Lafont Memorial Lecture was held on 17th of August 2022, in association with DBT Star College Programme. The lecture was organized in memory of Fr. Eugene Lafont, the pioneer of experimental science in pre-independent India and a missionary assigned to set up St. Xavier's College in 1860. The guest lecturers were Ms. Madhuri Katti, teacher of Physics and Global Perspectives, Modern High School, Kolkata, and Prof. Puragra Guha Thakurata, Astronomer and Departmental Chairperson of the Department of Astronomy

and Astrophysics, University of California, Santa Cruz. The titles of their lectures were "Father Eugene Lafont: A Priest, An Experimentalist and a Pioneering Science Mentor", and "The Universe of Galaxies, James Webb Space Telescope, and STEM Research Opportunities for the Young" respectively.

**Teachers' Day 2022**, a colorful and exuberant cultural programme was organized by the students on 5th September 2022 to pay respects and gratitude to their Professors and Laboratory Staff.



*Department of Physics - UG**Department of Physics - PG*

### Special Seminars

1. On 16th September, 2022 a special seminar was organized on the topic “Quantum Materials by Computation: Challenges & Opportunities”, which was delivered by Dr. Tanusri Saha-Dasgupta, Director, Department of Condensed Matter Physics & Materials Science Thematic Unit of Computational Materials Science, S. N. Bose National Centre for Basic Sciences, Kolkata.

2. On 7th December, 2022, a special lecture was organized where Dr. Marie-Gabrielle MEDICI delivered a talk on “Dew condensation and Harvesting – Potential source of drinking water. New challenge for some arid countries.”

**PhD Student’s Seminar Series:** First talk on the series organized by the departmental scholar’s forum was delivered by Mr. Sourav Chowdhury on 18th November 2022

**FDP:** On 25th November 2022 a Faculty Development Programme was organized on the topic “Application of



Density Functional Theory in Condensed Matter Physics”, which was delivered by Dr. Debnarayan Jana, Professor, Calcutta University and Dr. Bhimaleengam Chittari, Assistant Professor, IISER, Kolkata.

**National Space Science Programme:** The Department participated actively in the National Space Science Exhibition organized by ISRO and IISER, Kolkata held at Science city between Dec 5, - 11, 2022. Some pertinent activities of the department were published in their annual review containing works contributed by Dr. Sarbari Guha, Dr. Shibaji Banerjee and Dr. Suparna Roychowdhury.



**PhD:** Mr. Ashadul Halder, first to receive a PhD from the Department of Physics, received his PhD Certificate on the day of the 16th Convocation and Valedictory held on Jan 14, 2023. He was awarded doctoral degree on 26th October 2021. His research topic was “Compact Objects and Dark Matter Dynamics in Astroparticle Physics”.



**Fr. Verstraeten Memorial Lecture:** The 8th Edition was delivered by Br. Guy Consolmagno, SJ, Director, Vatican Observatory on Feb 9, 2023, titled “What’s surfacing about Bennu” (the asteroid)

**14th Annual Departmental Fest “Spectrum: Beyond the Monochrome”** was held on 15th February, 2023, and Dr.

Subir Kumar Das from JNCASR, Bangalore delivered a talk on memory of our beloved student “Neelangshu Saha”



**National Science Day Celebrations:** The Inter-Departmental Lunar Observation event was held, in collaboration with XAS on 28th February 2023. The observation and scientific discussion session aimed to promote interest in scientific research on the Moon and space exploration. The inaugural session was followed by a completely student-led, scientific discussion on the Moon and some related topics, given by Anuran Kar Gupta of UG 3rd year and Sanchari Sen of UG 1st year in the RK Hall at 4:30 p.m. Meghna Santra of UG 2nd year and Avijit Sen Majumdar of PG 2nd year, also gave presentations. The discussion was followed by the long-awaited, hands-on, Live Lunar Observation at the Father Eugene Lafont Observatory. The participants were truly mesmerized by the subtleties on the Lunar surface, which we obviously cannot see with our bare eyes.

**Ranjan Ray Memorial Lecture** was held on Mar 31, 2023. The Special lecture was delivered by Dr. Subhabrta Majumdar, Professor, Department of Theoretical Physics, TIFR, Mumbai, Alumni and former student of Dr. Ray.

**Hosting PhD Coursework activities:** Ph.D scholars of Dr. Suchetana Chatterjee and Dr. Ritaban Chatterjee from School of Astrophysics, Presidency University visited the observatory as part of their PhD course work on 30th June, 2023. Mr. Bappaditya Manna, Technical Officer at FELO and Mr. Subham Banerjee, a student from PG1 conducted an observing session with the PhD scholars under the supervision of Dr. Suparna Roychowdhury and Dr. Shibaji Banerjee

**XAS (The Xavierian Astronomical Society):** All events are coordinated with the Department of Physics.

Organized a **seminar on astronomy**, “Seeing the Universe: Astronomical Eyes” on November 23, 2022. The seminar was



chaired by Reverend Father Principal himself, who also inaugurated the day with his blessings to the members of the Xaverian Astronomical Society and Department of Physics. The Speaker for the event was Dr. Ramakrishna Das, Associate Professor, S.N. Bose National Centre for Basic Sciences, Kolkata, who delivered a lecture titled “In Search of More Lights”.



**Summer School:** XAS organized a two-day outreach programme for schoolchildren from SXC in which the students were exposed to hands-on activities in astronomy and seminars on fundamental aspects of astrophysics and cosmology by Dr. Shibaji Banerjee and Dr. Suparna Roychowdhury.

On 28th February, 2023, **National Science Day** was observed echoing with the National Lunar Observation Event.

On the 25th of March 2023, **International Women's Day**, the women of the Xaverian Astronomical Society (XAS) in collaboration with the department, organized a science-cum-astronomy awareness session, “Aiming for the Stars”, for the underprivileged girls of our society under the guidance of the National Service Scheme (NSS). The girls went to the Calcutta Muslim Orphanage located at Ripon Street to teach the girls there that science is nothing to fear and to encourage them to think scientifically.

XAS and Physics, in collaboration NSS, kept their promise with the girls of Calcutta Muslim Girls Orphanage, and organized a visit to the Father Eugene Lafont Observatory, St. Xavier's College (Autonomous), Kolkata, on 21st June, 2023, during the summer break of the College students.

A **nuclear physics lab** was initiated for the first time for PG students, largely due the initiative of Dr. Suparna Roychowdhury who was in charge of the laboratories at that time.

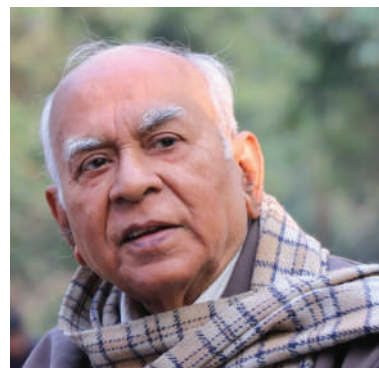
**Student Achievements in brief:** First year UG student Arpan Dey published a popular science book on physics with Notion Press Publishers in September 2022, second year student Meghna Santra was awarded both the JBNSTS (Bigyani Kanya Medha) and BKMB Sr. Scholarship, Somdatta Basu and Agnideep Chakraborty were selected for the NIUS (physics) programme offered by HBCSE, Debanujan Nath was selected for Physics by HBCSE TIFR at national level, 20 UG and 20 PG Students received Inspire Scholarships.

**Departmental Scholarship:** Pradeep P. V. (from UG) and Avijit Sen Majumder (from PG) received the first batch of scholarships provided by Alumnus. Students in need with supportive merit received one time grant.

**Academics:** Departmental faculties published 18 research papers in reputed international journals and presented talks at 4 Institutes. Dr. Sanghamitra Das and Dr. Aditi Ghosh participated in Faculty Induction Programmes.

**Sishu Mela:** The students of Post Graduate and Research Department of Physics participated in the Shishu Mela, organised by St. Xavier's College (Autonomous), Kolkata, in collaboration with NSS, for the orphanage kids of Kolkata. 10 students from UG2 and UG3 had worked on a very short notice and set up the PHSA stall and prepared games which would attract the kids of the orphanage and entertain them.

**In Memorium:** Sailendra Narayan Roychowdhury passed away on December 15, 2022 11:10PM due to advanced MND. Fondly remembered as SNR Sir among his students and colleagues alike, he was a passionate teacher in the Physics Department of SXC after retiring from Government Colleges. He set up the PG Physics lab in 2007 almost single handedly. He was an Astronomy enthusiast who whole-heartedly helped and participated in the different outreach and student activities that the department undertook including accompanying the students to remote Observational facilities. The current PG Physics Laboratory has been christened after his name by Rev. Fr. Principal, Dr. Dominic Savio, SJ.





# Department of Statistics



## Departmental Activities (July 2022-July 2023)

### Invited Talk

The following talks have been arranged by the Department of Statistics in the academic session, July 2022- July 2023.

- (i) Prof. Soutir Bandyopadhyay, Director of Graduate Studies, Department of Applied Mathematics and Statistics, Colorado School of Mines, delivered an invited talk on "Wendland Meets Markov: Kriging For Large Spatial Data" on 15th July, 2022. 
- (ii) Prof. Bikas Kumar Sinha, Retired Professor, Indian Statistical Institute delivered an invited talk on "Fancy Life Of A Smart Gambler" and "Oh Captain! My Captain" on 13th September, 2022.
- (iii) Prof. Bikas Kumar Sinha, Retired Professor, Indian Statistical Institute delivered an invited talk on "Rifle Inspection Problem: Easier To State (The Issue) Than To Resolve (The Same)" on 13th September, 2022.

St. Xavier's College (Autonomous), Kolkata  
Department of Statistics

Presents  
An Invited Talk on

**RIFLE INSPECTION PROBLEM :  
EASIER TO STATE (THE ISSUE)  
THAN TO RESOLVE (THE SAME)**

TUESDAY  
13.09.2022  
1:15 p.m. to 2:30 p.m.

FOR DETAILS CONTACT  
Srijan Saha (+9198017450746)  
Xavier Adhishank Roychowdhury (+919895059482)

**Prof. Bikas Kumar Sinha**  
Retired Professor,  
Indian Statistical Institute, Kolkata

- (iv) Professor Anil Kumar Ghosh from the Statistics and Mathematics Unit, Indian Statistical Institute delivered an invited talk on "An Introduction To Statistical Machine Learning" on 2nd March, 2023.
- (v) Mr. Satyaki Bhattacharya, Director-Emerging Tech Practice in Adamas Tech Consulting has delivered an invited talk on "Analytics- The ArtBehind The Science" on 2nd March, 2023

### Epsilon Delta, 2023

The department conducted the 2023 version of its Annual program "Epsilon Delta" on March 2nd, 2023. The program



commenced with the launch of the 15th edition of the Departmental Magazine Prakarsho. The following programs were organized through the day-

- (i) Paper presentation event by students -“Proectura”,
- (ii) Science quiz -“Inquizzitive”,
- (iii) Data visualization event,- “Analyticon”,
- (iv) Hackathon event based on a statistical theme –“Datathon”,
- (v) Poster-making competition –“Imposter”,
- (vi) Photography competition –“Focinova
- (vii) Cultural program by the students of the Department.



### Academic Achievements of the Members of the Department during the Academic Session July 2022 – July 2023

- (i) Dr. Ayan Chandra published two papers in the academic session July 2022-July 2023.
- (ii) Dr. Surupa Chakraborty published two papers in the academic session July 2022-July 2023.
- (iii) Mr. Debjit Sengupta published one paper in the academic session July 2022-July 2023.
- (iv) Dr. Sancharee Basak published one paper in the academic session July 2022-July 2023.

### Highlights of Achievements of the students during the Academic Session July 2022 to July 2023

5 students qualified the ISI Entrance Exam for the MStat Course and 7 students qualified the JAM Entrance Exam for postgraduate programme under IITs. One student qualified the entrance exam for MS-QMS Course. 3 Students qualified the entrance exam of CMI.

### Awards and Recognitions

#### 3rd Year

1. Sambit Ghosh secured rank 2 in the JAM Entrance Exam for postgraduate programme under IITs.
2. Adrija Bhar secured rank 1 in the ISI Entrance Exam for the MStat Course.

#### 2nd Year

1. Anukriti Mishra
  - (i) 2nd position in East Zone Inter - University Basketball tournament representing University of Calcutta
  - (ii) Qualified for all India Inter -University Basketball tournament representing University of Calcutta
  - (iii) 4th position in Open Senior State Basketball Championship representing Xavierians club.
  - (iv) 1st position in Amphoria Basketball Championship representing St. Xavier's College.
  - (v) 1st position in Umang Basketball Championship, representing St. Xavier's College.
  - (vi) Cleared Actuarial science 2 papers.
2. Juhi Goyal
  - (i) Cleared CS1- Actuarial Statistics.
3. Varsha Jaiswal
  - (i) Completed the foundation level of IIT Madras BS Degree in Data Science.
  - (ii) Represented our College by being the Contingent Leader at Mood Indigo 2022, annual fest of IIT BOMBAY.



4. Ahan Prodhana
  - (i) WINNER.-Inter-Club Table Tennis Tournament Howrah, Dinanta Ashar Club.
  - (ii) RUNNERS UP -Inter-Club Table Tennis Tournament Howrah, Bagbadini Club.
5. Pritam Saha
  - (i) Secured 1st position in inter-college stage play, Amiphoria'23(Fest of Amity University).
  - (ii) Secured 2nd position in inter-college performing art Versteher'23(Annual fest of Xaverian Sociological Society).
6. Shreshtha Sengupta
  - (i) Bronze medal in fight category, 2nd Inter Club Karate Championship (Organised by Nirmal Karate Academy)
  - (ii) Secured 2nd position in Statsquill (A National Level Article Writing Competition organized by the Department of Statistics and Data Science, Christ University Bangalore on the occasion of National Statistics Day 2023).
7. Richa Gupta
  - (i) Cleared 4 actuarial exams- CM1,CS1,CB2 CS2
8. Ankita Dey
  - (i) 2nd position in group dance competition organised by West Bengal Women Commission in International Kolkata Bookfair 2023.
9. Rashi Hamirwasia
  - (i) Joint Secretary of Rotaract Club of Calcutta Victoria: Coordinated and expedited a keynote speaker session with Dr. Kiran Bedi, having led a team of 55+ volunteers. Raised funds worth 1,90,000 and conducted the largest blanket distribution drive in Jamshedpur and Kolkata.
  - (ii) Interned at Gajraj Hyundai: Conducted research and analyzed the contribution of different channels, campaigns or touch points in generating revenue. Assisted in making informed decisions about budget allocation for future marketing and advertising initiatives based on the ROI analysis.
10. Souhardya Biswas
  - (i) Got selected to the National Undergraduate Programme at CMI
11. Svadhaa Agarwal
  - (i) Represented St. Xavier's College (Autonomous), Kolkata at 'ICEES 2022 - Bilateral International Conference on Ecotoxicology and Environmental Sciences' at Khulna University, Bangladesh.
12. Sohini Mandal
  - (i) Special Award in International Monsoon Art Fair 2023 Presented by Rang Tuli Mon

## Department of Data Science

St. Xavier's College (Autonomous), Kolkata started offering MSc. in Data Science from July, 2022. The following programs were organized by the Postgraduate Department of Data Science during the academic session July 2022 – July 2023:

### Data Science Laboratory Inauguration

The Data Science Laboratory was inaugurated on 4th July, 2022.

### Invited Talk

- (i) Prof. Bikas Kumar Sinha, Retired Professor, Indian Statistical Institute delivered an invited talk on "Rifle Inspection Problem: Easier to State (The Issue) than to Resolve (The Same)" on 13th September, 2022.
- (ii) Prof. Sayantan Banerjee, Associate Professor, OM & QT Area, IIM Indore, delivered an invited talk on "The Art of Data Science" on 5th January, 2023.
- (iii) Professor Anil Kumar Ghosh from the Statistics and Mathematics Unit, Indian Statistical Institute delivered





an invited talk on “An Introduction to Statistical Machine learning” on 2nd March, 2023.

- (iv) Mr. Satyaki Bhattacharya, Director-Emerging Tech Practice in Adamas Tech Consulting has delivered an invited talk on “Analytics- The Art Behind The Science” on 2nd March, 2023.



## Discussion Session

The following discussion sessions were held by the notable alumni of the College.

- A Discussion session with Mr. Amritaputra Bhattacharya, Sr. Data and Applied Scientist at Microsoft was held on 6th December, 2022. The session was attended by the post graduate students of Data Science.
- Multiple discussion sessions were held throughout the year 2022-2023 with Mr. Srijit Mondal, the Team Lead –Financial Market Analysis –USA-Future’s First Former Senior, former Data Scientist at Sony Liv and Zomato.

## Epsilon Delta, 2023

The Department conducted its Annual program “Epsilon Delta” on March 2nd, 2023. The program commenced with the launch of the 15th edition of the Departmental Magazine Prakarsho. The following programs were organized through the day.

- Paper presentation event by students –“Proectura”,
- Science quiz –“Inquizzitive”,
- Data visualization event, –“Analyticon”,



- (iv) Hackathon event based on a statistical theme –“Datathon”,
- (v) Poster-making competition –“Imposter”,
- (vi) Photography competition –“Focinova
- (vii) Cultural program by the students of the Department.

## ISI Visit

An educational visit to Indian Statistical Institute, Kolkata was arranged by the department on 15th March, 2023. The students visited the supercomputer at the Symec Data centre and the Computer & Statistical Service Centre, where they explored the software and the hardware laboratories. They also visited the Geology Museum of the Indian Statistical Institute in Kolkata where they explored the skeleton of Barapasaurus Tagorei, the fossil of a 47 feet long dinosaur dating back to about 160 million years back.



## Academic Achievements of the Members of the Department during the Academic Session July 2022 – July 2023

### FACULTY PUBLICATIONS

Name	No. of Publications
Dr. Ayan Chandra	2
Dr. Surupa Chakraborty	2
Mr. Debjit Sengupta	1
Dr. Sancharee Basak	1
Dr. Asoke Nath	4
Dr. Anal Acharya	2
Ms. Jayati Ghosh	1
Mr. Debabrata Datta	2
Mr. Soumyajit Pal	3

### STUDENTS' ACHIEVEMENTS

#### 1. Arnab Dutta

- (i) Second Position, paper presentation (Epsilon Delta)
- (ii) Second Position, Poetry Slam (Xavotsav)

#### 2. Aishani Dey

Inspire Scholarship

#### 3. Anoushka Saha

- (i) Received Prem Gulati Memorial Award from Miranda House, University of Delhi, for securing highest cumulative marks in B.Sc. (Honours) Mathematics University Examinations, Semester I to Semester V, in March 2023.

#### 4. Anuroop Roy

Runners up Kolkata Amateur Football League (Federation de Sports)

#### 5. Arunima Pal

Winner of Analyticon organized as a part of Epsilon Delta 2023 by the Department of Statistics, SXC on 2nd March '23.

#### 6. Ashika Deb

Secured an internship with World Resources Institute, (data analysis - energy team) May, 2023 - August, 2023



### 7. Dibyangana Debnath

Got awarded in Bethune College for being among the top 5 students in Statistics Department during graduation.

### 8. Kankana Ghosh

"An overview on Market Basket Analysis" was published in Prakarsho Vol. XV of St. Xavier's College, Kolkata in the month of March, 2023.

### 9. Pratyusha Mukhopadhyay

Received Inspire scholarship

### 9. Shamie Dasgupta

Received the HDFC scholarship for post-graduation

### 10. Shubhradeep Chatterjee

Winner of Analyticon event of ED

### 11. Sukanya Mukherjee

Article published in Prakarsho Vol XV

### 12. Srijan Sen

(i) Core Committee Member, Xavier's Premier League 2022, St. Xavier's College Students' Council

(ii) Core Committee Member, Xavostav 2023, St. Xavier's College Students' Council

## Department of Education



*Department of Education - B.Ed (1)*

The Department of Education, St. Xavier's College (Autonomous), Kolkata, has been the guiding light for its students through constant guidance, motivation and encouragement at every step in their journey. The past year has been nothing but an eventful roller-coaster ride for the

department with a multitude of programmes. The Department organized its first event, the International Day of Yoga, in collaboration with XADAM, followed by the Inaugural Ceremony for the Batch of 2022-2024. The Department also celebrated Respected Father Principal's birthday, where



*Department of Education - B.Ed (2)*

students actively participated to make his special day memorable. Students of the department participated in the Inter-Departmental Football Tournament in the College and an Interfaith Prayer service organized by the College to uphold the values of every faith. To keep the ball rolling, a

number of videos were made by the students on different occasions. MAKAIS organized a two-day National Seminar at Salt Lake campus in collaboration with the Department of where the student participants got exposure through the various paper presentations. Teachers' Day 2022 was one of

*Department of Education - M.A.*



the most notable events organized by the students of the department. Along with the Durga Puja celebrations, Eduvision 2022 was launched. The National Education Day was also celebrated in the department. All the Clubs in the department organized their Club Programs under the guidance of their respective club mentors. On the 7th of February 2023, Dr. Knut Auckland, Associate Professor from Oslo Metropolitan University delivered an insightful lecture on 'Religious Education and Democracy: European Attempts

to Battle Communalism through Teaching about Religion'. An Educational Excursion was organized by the department on April 4, 2023, followed by the Easter Program. On the 28th of April, 2023, a zoom meeting was organized by Oslo Metropolitan University with department on "Education and Values". The students of the department participated enthusiastically in various Vidyadeepam activities throughout the year.

## Department of M.Com



### STUDENTS ACHIEVEMENTS

1. Koninika Kundu and Ankita Dutta (Batch: 2021-23) presented a paper on International Conference on Sustainable Business Transformations: Priorities, Learnings & Practices [SBT23] organised by University of Engineering and Management (UEM), Kolkata on April 22, 2023.
2. Cynthia Saha (Batch: 2021-23) presented a paper on International Conference on Sustainable Business Transformations: Priorities, Learnings & Practices [SBT23] organised by University of Engineering and Management (UEM), Kolkata on April 22, 2023.
3. Koninika Kundu (Batch: 2021-23) presented a paper at the "International Conference on Connecting Social, Financial and Human Sciences for Sustainable Development" organised by School of Social, Financial & Human Sciences KIIT Deemed to be University on May 5, 2023.
4. Nibedita Gogoi (Sem. III) (Batch: 2022-24) Paper accepted titled "Destination Image and Branding: A Systematic Literature Review" in an edited book titled Rural and Heritage Tourism in Southeast and South Asian Perspective- from CRC Press.



5. Mihika Panchadhyay & Madhurima Dey (Sem. III) (Batch: 2022-24) presented a paper in the International e-Conference on Challenges and Prospects in Sustainable Business Development, November 21–22, 2023, organised by the School of Business Management, Chhatrapati Shahu Ji Maharaj University, Kanpur.
6. Anam Salim, Nibedita Gogoi & Rounak Agarwal (Sem. III) (Batch: 2022-24) presented paper in the Two-day International Conference on Business Innovation Practices and Sustainability in the VUCA World on November 25-26, 2023. They obtained best paper award in that conference.
7. Anam Salim, Nibedita Gogoi & Rounak Agarwal (Sem. III) (Batch: 2022-24) their published in an edited volume titled "Business Innovation Practices and Sustainability in the VUCA World" with ISBN No:978-81-19757-83-1 pp:175-183 edited by Dr. Sanjib Kr. Basu, Dr. Siddhartha Sankar Saha, Dr. Dhananjay Kumar & Dr. Sumanta Dutta.

## STAFF ACHIEVEMENTS

### Dean C.A. (Dr.) Sanjib Kr. Basu

- Total paper publication: Two
- Edited Book: One
- Invited Talk: Three
- Consultancy: Four
- Re-appointed as the one of the members of the Finance Committee of Burdwan University as a 'Nominee Member of the Chancellor' for the financial year 2021-22 and 2022-23.

### Dr. Sumanta Dutta

- Obtained a Copyright on 15/06/2023
- Edited Book: Two
- Paper presented (International Conference): Three
- Best paper award: One
- Resource person: Twenty-six





- Jury member: One
- Publication in UGC Care Journal (Group-I): Two
- Acted as a speaker in the International Conference on Sustainable Development: Views from Different Perspectives organised by the Heritage Business School & Lincoln International Business School, UK.

**Prof. Ankita Samanta**

- Participated Fourteen-Day Online Faculty Development Programme on "Research Methodology" organised by IAA-SBB in association with GAD-TLC, MHRD, Govt. of India, September 2023.
- Publication: Four

**INVITED LECTURES**

1. Dr. Madhurima Ganguly Associate Professor, Heritage Business School delivered a special lecture (offline) on the theme "People Skill-Pillar to Success" on August 5, 2023 (Saturday).
2. Dr. Arun Prasad R delivered a special lecture (Online) on the theme "Business Application of AI" on August 12, 2023 (Saturday).

3. CA Ruchi Lakhota (Soft Skill Trainer at ICAI) delivered a special lecture on the theme "Soft Skills" which was held on 19th August, 2023 (Saturday). It was organised in collaboration with Postgraduate Department of Data Science.
4. Mrs. Mohua Roy (Corporate Trainer) delivered a special lecture (offline) on the theme "CV-Building a Career Path" which was held on September 23, 2023 (Saturday). It was organised in collaboration with Postgraduate Department of Data Science.

**WORKSHOP/CONFERENCE/OTHERS**

1. Postgraduate students (Commerce) of Bodoland University visited M. Com Department on April 28, 2023 as part of their study tour.
2. Organised a one-day Research Workshop on 'Crafting and conducting research and how to publish' on May 6, 2023 (Phase-VI).
3. Organised Two-day International Conference on Business Innovation Practices and Sustainability in the VUCA World on November 25-26, 2023 in collaboration with Post Graduate Department of Commerce, University of Calcutta and Islamic University, Bangladesh.

# Department of B.Com (Evening)





The past academic year has seen the Post Graduate and Research Department of Commerce (Evening) take up many new challenges with commendable aplomb. It is an honour to present the Annual report of the Department of Commerce (Evening) to you. 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 National Education Policy we overcame quite a few challenges with our quintessential innovation. The National

Education Policy was incorporated in the curriculum from the Academic Year 2023–2024.

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 ISO Surveillance Audit was successfully conducted for the department on 22nd May, 2023. The auditors were satisfied with the system and had no observations (thereby giving a Clean Report). During the past year, the Department organized many activities. The detail is given below:

### Invited Lectures

Date	Resource Person	Topic
23/7/22	Dr. Ananda Mohan Pal, Professor in University of Calcutta.	Accounting Standards
6/8/22	Sri Chanchal Mazumdar, retired General Manager of UCO Bank and Head of the Credit Monitoring Department along with Head of Stressed Assets Management Vertical.	Credit Monitoring, Project Appraisal & Stressed Asset Management
13/8/22	Dr. Jayanta Kumar Seal, Associate Professor, Indian Institute of Foreign Trade.	International Trade Operations
20/8/22	Prof. (Dr.) Naveen Das, Pro Vice Chancellor, Academic Affairs and Dean School of Business and Economics, ADAMAS University.	Trends in Marketing: Marketers' Perspective
29/10/22	Dr. Swapnendu Banerjee, Professor, Department of Economics, Jadavpur University.	Games that we Play
5/11/22	Dr. Sitangshu Khatua, Dean and Associate Professor, St. Xavier's University.	Know Thyself
19/1/23	Mr. Daryl Nelson, Entrepreneur, Global Leadership Partners and Mr. Todd Geist, Leadership Lecturer and Finance Executive, Global Leadership Partners.	Entrepreneurship and Startups - a new way ahead
16/2/23	Dr. Kushal De, Sr. Assistant Professor, Dhruvachand Halder College	Challenges, Perceptions & Internal Conflicts faced by Students in Modern Times
21/2/23	Prof. Amitava Ghose, Teacher – in – Charge. The Heritage College	Modes of Entry into International Business
27/2/23	Dr. Devashish Das Gupta from IIM, Lucknow	Marketing Toolkit for Budding Managers
11/3/23	Mr. Chandradeep Mitra, Entrepreneur and Guest Faculty, IIM (Calcutta)	Entrepreneurship and its Impact on Economic Growth
18/3/23	Dr. Anutam Pal, Associate Professor, Dinabandhu Andrews College.	Cost and Management Accounting - Revisiting a few aspects
28/7/23	Dr. Sitangshu Khatua, Dean and Associate Professor, St. Xavier's University.	An Interdisciplinary Approach to Knowing Oneself





### Students' Achievements

- Kinjal Ajmera secured All India 1st Position in both CA Intermediate Examination and CS Executive Examination.
- Dayita Kanodia secured All India 5th position in CS Executive Examination.
- Chris Das won Silver Medal in Low Kick (Under 75 Kg) Category, at the 15th Senior KFI (Kickboxing Federation of India), Kickboxing Championship 2023.

### Publications and Other Achievements of Faculty Members

Professor	Book	Research Paper in a Journal	Book Chapter in Edited Volume	Acted as a Resource Person / Invited Lecture
Rev. Fr. Dr. Peter Arockiam, S.J .		14		2
Dr. Soheli Ghose	3		1	4
Divyani Datta		2		
Dr. Saptarshi Ray		1		
Aparajita Hembrom		2		
Dr. Priyadarshini Rasquinha		1	1	
Sarodiya Dutta		2		
Sonali Saha		1		
Dr. Soma Nath		2		2
Koushik Chatterjee		2		4



- **Rev. Fr. Peter Arockiam, S.J.** was awarded Ph.D. degree in Commerce from St. Xavier's College (Autonomous), under the University of Calcutta.
- **Prof. Ruby Mary Notts** was awarded Ph.D. degree in Commerce from St. Xavier's College (Autonomous), under the University of Calcutta.
- **Prof. Priyadarshini Rasquinha** was awarded Ph.D. degree in Commerce from St. Xavier's College (Autonomous), under the University of Calcutta.
- **Prof. Hanzala Awais** was awarded Ph.D. degree in Commerce under the University of Calcutta.
- **Prof. Saptarshi Ray** was awarded Ph.D. degree in Commerce under the University of Calcutta.
- **Dr. Soma Nath** successfully completed 2 Consultancy Works with Department of Higher Education and WBSCTVESD respectively, in collaboration with the Consultancy Cell of St. Xavier's College (Autonomous), Kolkata.
- **Dr. Soheli Ghose** received the Excellence in Research Award 2023 by European Council for Higher Education and Accreditation, Manchester, UK.

A considerable number of our students have been placed through the Placement Cell of our College in leading organizations like Delloite, KPMG, E&Y, PWC, etc. These achievements represent a bird's eye view of the efforts and accomplishment of the year gone by.



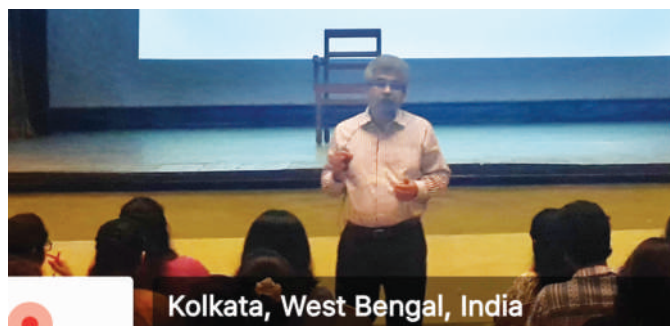


Finally, we would like express our reverence and sincere gratitude to Rev. Fr. Jeyaraj Veluswamy S.J., Rector and Rev. Fr.

Dr. Dominic Savio, S.J., Principal for their visionary leadership, constant support and encouragement.







# Department of Business Management Studies



It is indeed a matter of great pride for all of us to be a part of the Department of Management Studies. As we add another year to our glorious history, our department continues to excel in all spheres of activities setting high standards for others to emulate. In 2024, the Department of Management Studies at St. Xavier's College will step into its 22nd Year.

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.

The department has already finalized the curriculum and implemented the syllabus for Semester I and II under National Education Policy which has been made effective for the students admitted from the academic year 2023-2024. The curriculum is flexible, broad and gives students the opportunity to develop an academic program that is tailored to their ambitions and interests. The coverage and depth of the topics are well appreciated by the stakeholders.





### An over-view of departmental activities

- Seminars - Conducts national and international seminars based on various management and other general topics.
- Invited Lectures - Invited lectures are conducted based on the topics on recent developments in management.
- Management Fest - The department conducts management fest Xavier's Management Convention (XMC) every year. The major events include Best Manager, Finance, Marketing, HR-IR-PR, Strategic Management, Binge-Con, and Sports Management.
- Release of annual Magazine - Every year department releases magazine "The X-Ecutive"
- Seminars and Webinar series in collaboration with other reputed colleges.

A good number of faculty members participated in various National and International seminars and conferences for presenting papers and / or as resource persons and / or as key note speakers.

- **Fr. Dr. Peter Arockiam, SJ**  
Number of Publications: 7  
Acted as Resource Person: 2

- **Dr. Basuli Dasgupta**  
Completed her PhD in December 2022
- **Dr. Supriyo Patra**  
Number of Publications: 4  
Acted as Session Chair/ Co-chair: 2  
Acted as Resource Person: 1  
  
Paper Presentation at National/ International Conference: 2
- **Dr. Rajni Gupta**  
Completed her PhD in December 2022
- **Dr. Sumanta Dutta**  
Number of Publications: 1 (Copyright)  
Acted as Resource Person: 20  
Acted as Jury Member: 2  
  
Paper Presentation at International Conference: 1
- **Dr. Shaunak Roy**  
Number of Research Paper Publications: 2  
Number of Book Publications: 1  
Acted as Resource Person: 2  
  
Paper Presentation at National/ International Conference: 3



## Departmental Activities

Date	Activities
6th August, 2022	Invited Talk on Investment Analysis and Portfolio Management by Mr. Debankur Majumdar, Associate Vice-President of Eastern India, National Stock Exchange
13th August, 2022	Invited Talk on Consumer Behaviour: Connecting with Indian Consumers & Building Brands in the 21st Century by Mr. Roop Ghosh, Marketing & Branding Professional Agency Head, The QA (Quartered Advertising)
13th August, 2022	Invited Talk on Macroeconomics by Dr. Anjan Chakrabarti, Professor, Department of Economics, University of Calcutta
20th August, 2022	Invited Talk on Quantitative Techniques for Management – Game Theory by Dr. Swapnendu Banerjee, Professor, Department of Economics, Jadavpur University
12th September, 2022	Seminar on “How to Deliver Profitable Growth” conducted by Mr. Pinaki Banerjee, CEO Central & Eastern Europe at Rubix.
25th & 26th November, 2022	Two Days Workshop on the theme “Knowledge Creation & Dissemination (Series I)”.  <b>Resource Persons:</b> <ul style="list-style-type: none"> <li>Mr. Biswanath Chakraborty, Senior Faculty, BSE Institute Limited</li> <li>CA Akshay Oke, Partner – FinPro Consulting CEO and Co-Founder-Lease On Private Ltd. Pune, Maharashtra</li> <li>Dr. Kishore Nuthalapati Director-Finance, BEKEM Infra Projects Pvt. Ltd., Hyderabad</li> <li>Mr. Kuntal Saha VP-Sales, CMIE Kolkata Regional Office, Business in-charge of Eastern Region</li> </ul>
15th February, 2023	The students of third year Finance Specialization in the Department of Management Studies were invited to be a part of the Financial Literacy Programme organized by the Reserve Bank of India on 15th February, 2023. The programme had been organized during the Financial Literacy week as observed by the RBI during 13-17th February, 2023.
18th February, 2023	Invited Talk on ‘Structure of the Indian Capital Market – A Practical Approach’ by CS Rupanjana De, Institute of Company Secretaries of India.
25th February 2023	Invited Talk on ‘Rise of Intangible Economy: Challenges & Opportunities for India’ by Prof. Amitava Ghose, Professor, Department of Economics, Heritage College
11th & 12th April 2023	Xavier's Management Convention'23, the flagship event of the Xavier's Management Society, launched on 22nd March, 2023, featuring the intra-college rounds on 23rd-24th March. XMC has events that revolve around several aspects of management. The opening ceremony of the event on 11th April marked the launch of The X-ecutive Volume XIX: A Credence to Equivalence, with Mr. Ramesh Damani, a renowned insurance agent, as the guest speaker. The inter-college rounds began on the same day with participation from various colleges across the country. The event concluded on 12th April with a performance by Comicstaan Season 3 winner, Mr. Aashish Solanki. Overall, the event was a great success with the constant support of the faculty and hard work of the students.



The year 2023 has been a successful and fruitful year for us. We anticipate that opportunities will increase in 2024. Finally, we would like to express our profound gratitude to Fr. Dr.

Peter Arockiam, S.J., Vice Principal, and Rev. Dr. Dominic Savio, S.J., Principal for their unwavering support and leadership.







# Department of Bengali (Raghabpur)



*Department of Bengali (Raghabpur) - B.A.*



*Department of Bengali (Raghabpur) - M.A.*

## Departmental Activities

Following programmes were organised by the Post-Graduate Research Department of Bengali, Raghabpur Campus.

### 1. Date of the Seminar - 21st November 2022.

Title of the programme—"Nari Jakhan Shrihtishil: Sankat O Bharsamyo" (Women in Creativity: Problems and Balance)

Speaker—Smt. Jashodhara Roychoudhury, Principal Accountant General, West Bengal, Eminent Poet.

Purpose of the programme—Girl students of our College are very creative. They participated and interacted with the speaker on the topic. Speaker was a creative writer.

The rural campus students shared their problems and experiences from their practical life.

### 2. Date of the performance - 22nd February 2023.

Title of the programme—"Khol Do" (A solo Choreographed dance-drama).

Performer—Ms. Shruti Ghosh - An eminent performer and independent dance and film researcher.

Purpose of the programme--While the Nation celebrates Azadi Ka Amrit Mahotsav, the department found it necessary to also observe the 75th year of Partition. To memorialize the millions of lives lost and honour the survivors of unspeakable violence who spent their lives struggling with a rooted sorrow based on 'Khol Do', a



short story by Sadat Hossan Manto, the greatest writer in Urdu literature.

### 3. Date of Programme---1.3.2023

Title of the programme—"Sahaj pather Ashore" (A Literary Adda)

Participants—Faculty Members of Bengali Department and all the students and members of the Literary Club.

Purpose of the programme--The session of 'Sahaj path' tries to give a platform to the students who practice creative writing. It may be a poem or short story or essay or belle letters. The writer reads his/her write up and then the audience discuss the writing from different perspectives. The main aim of this programme is progression of students.

### 4. Dates of the study tour—3rd March to 5th March 2023.

Title of the programme—An educational excursion to Murshidabad for UG and PG final year students.

Participants--Accompanied by 4 professors of Bengali Department and 39 students.

Purpose of the tour--This is an educational excursion. Students visited significant historical places. They relate their experiences with their readings on 18th and 19th Century economic and socio-political history of Bengal. This evidence from the past can connect them easily with the objectives of their curriculum.

### 5. Date of the Class lecture—16th March 2023.

Title of the programme—The Short Stories of Ashim Roy: Selective observations

Speaker—Dr. Swapan Panda, Associate Professor, Gurudas College and Guest Faculty of Bengali, University of Calcutta.

Purpose of the programme--A short story, name 'Ani' is in the syllabus of PG students. Dr. Panda focused on the story in his discussions. He explained how the writer engaged with the Naxal Movement in his writings and his personal life.

### 6. Date of the programme—20.09.2023

Title of the programme—School Exposure Visit Chapter-1

We have organised the School Exposure Visit Chapter-1 to St. Xavier's College, Raghabpur Campus on 20th September 2023. Approx. 100 students from three school participated in the programme. An exhibition on Art and Craft by the college students was a part of this programme.

### Publications of the Faculty Members:

1. Dr. Debashis Bhattacharyya—2 essays published in UGC-Care listed journal.
2. Dr. Sudakshina Basu—Total no. of publication-2.
3. Dr. Saswati Roy—Total no of publication-4.





# Department of B.Com (Raghabpur)



The Department of Commerce at St. Xavier's College (Raghabpur Campus) which started in 2014 with a strength of only 22 rural students now bears more than 120 students who strive for excellence in every field. The department encourages the students to achieve their true potential and attempts to achieve excellence in teaching with our

committed faculty and support staffs. The students of the department are constantly monitored to focus on their academic performance and even non-academic activities. Each year students show great interest in sports, NCC, NSS and debate. The activities of the department are mentioned below.

## Seminar/Workshops

Name of the Resource Person	Topic	Date
1. Prof. Soumendra Laha (Asst. Professor, Accounting & Finance) Department of Commerce, City College, Kolkata	<b>Overview of Indian Financial System and the way ahead</b>	23 <sup>rd</sup> September 2023
2. Prof. Abhinab Ghosh (Asst. Professor, Panskura Banamali College (Autonomous), Purba Mednipur)	<b>Insights of Managerial Practices from the Unorganised Sector: Caselets from the streets of India</b>	23 <sup>rd</sup> September 2023

- The Department conducted a study tour for the students on 17th March 2023. The study tour was for the event ENTREMIT conducted by Cottage and Small-Scale Industries Association South 24 parganas held at Science City Auditorium.
- The department also conducted one intra-department PowerPoint presentation competition named Mild Mind Entrepreneurs where students from different semesters participated on 23rd September 2023. The main interest

was to create the sense of confidence in public speaking among the students.

- The Department of Commerce with Ex-Hult conducted one day event at Raghabpur campus on 30th September 2023. Mr. Debaditya Chaudhury (Co-founder and MD, Oudh 1590, Chapter 2) was the chief guest for the event. A training session has also been conducted by Dr. Shaunak Roy to inculcate the sense of entrepreneurial skill among students.



# Department of Political Science (Raghabpur)



In order to cater to the needs of students of rural students, St. Xavier's College (Kolkata), Raghabpur campus has opened the Political Science Department in the year 2021. In the very first year 21 students were admitted out of which 16 students are on their way to complete their graduation. In 2022, the department had 16 students as well. In the 2023-2024 session, the admission in the department has witnessed an upsurge with the current number of students being at 30. Most importantly the department is known for the diversity of students coming from all over India. Students from New Delhi, Kerala, Manipur, Assam have joined the department.

The aim of various courses offered by the department is to fulfil the academic aspirations of students in rural areas to equip them with unique opportunities to master political thought and their applicability in contemporary times. The department offers Human Rights as a minor paper, Indian Constitution and International Relations as Generic elective papers for other department's students.

This department has been brought under the four-year NEP curriculum from this session. A completely new paper on Indian Diaspora has been introduced to widen the outlook of the students.

**Co-Curricular Activities:** Political Science Department bagged the first prize in this year's annual sports inter-departmental parade. Student achievements include badge making and wall painting prizes from Army Camp. Students from the

department are inspired to take part in NSS and NCC activities. Two students have achieved the position of Junior Under Officer in NCC and has taken part in CATC camps where they have been adjudged as Best camp contingent.

**Electoral Literacy Club:** This newly formed club has a vision to actively involve students from this department to organise various electoral literacy programs in both Park Street and Raghabpur campus.

**TCS Youth Employment Program:** The department conducted youth employment program in collaboration with Tata Consultancy Services to provide 100- hour skill-based training program from 30th May 2023 to 21st June 2023 to facilitate the placement of the students after their graduation. This facility is open to the students of all the departments.

## Teaching Faculty

1. **Dr. Debasree Lahiri Roy**, Assistant Professor has published 3 peer reviewed papers.
2. **Prof. Tuhin Chitrakar**, Assistant Professor has published 2 articles in peer reviewed journals and 1 book chapter.
3. **Prof. Satyaki Aditya**, Assistant Professor has published one book chapter and one peer reviewed journal paper.
4. **Prof. Subhrapratim Roy**, Assistant Professor has published 4 articles in peer reviewed journals.



# Department of B.A General (Raghobpur)



Starting its journey as the Department of B.A. General in the year 2014, with only 29 students, the Department of BA Social Science of St. Xavier's College (Kolkata), Raghobpur campus has traversed a long way, to establish itself as one of the most vibrant BA General departments in Kolkata. The first batch of students completed their graduation in 2017. Many of the passed-out students of the department have joined corporate companies, industrial training institutes and many other students have joined law courses. Currently, the department has 51 students. Currently the second- and third-year students in the department are continuing under the CBCS curriculum introduced by the Calcutta University in 2018. From the 2023-2024 sessions onwards, the department has been brought under the National Education Policy curriculum 2020. To give the students a fair idea about the legal systems of the country, to make them fluent in English language, papers like Creating Legal Awareness, Understanding Legal System and Communicative English have been included in their curriculum. Last year, the performance of the department was exceedingly good with almost cent percent success rate in the graduation level. The department has also succeeded in lowering the dropout percentage. The department conducts continuous evaluation of the students regularly through continuous internal assessment, mid semester and end- semester examinations. All the teaching-learning are conducted in a student centric approach.

The department has a custom of organising 'parent-teacher' meeting so that the guardians can be informed of the progress and deficiencies of their children. This has also helped us to know the parents' opinion regarding the department and hence improve certain things accordingly.

The students of this department are also provided skill-based training for placement after graduation under the TCS Youth Employment Program.

**Co-curricular activities:** Students in large numbers are actively engaged in NSS and NCC. Students from the department have been encouraged to take part in Azadi Ka Amrit Mahotsav celebrations. One of our students has national and state level participation in the programs organised by the Ministry of Information and Culture.

## Faculty Achievements

1. **Prof. Tuhin Chitrakar** has published 2 articles in two peer reviewed journals and 1 book chapter
2. **Prof. Satyaki Aditya** has published one book chapter and one peer reviewed paper.
3. **Prof. Subhpratik Roy** has published 4 articles in peer reviewed journals.





**B.COM (MORNING) DEPARTMENT FACULTY**



**B.COM (EVENING), BMS AND M.Com DEPARTMENT FACULTY**





**EDUCATION DEPARTMENT FACULTY**



**ARTS DEPARTMENT FACULTY**





**SCIENCE DEPARTMENT FACULTY**



**SUPPORT STAFF**





**TEACHING STAFF (RAGHABPUR CAMPUS)**



**SUPPORT STAFF (RAGHABPUR CAMPUS)**





# Facilities





# Department of Career Oriented Programmes

The College offers certificate and diploma courses. The main objectives of these courses are to cater to the growing needs of the corporate sector for trained manpower and development of entrepreneurial skills. These courses offer a good blend of knowledge and skill for developing competencies.

The faculty primarily hails from the industrial sector and the course content is regularly updated on the basis of the feedback from the faculty and job market. There is continuous evaluation, team case presentations, seminar and internships to make the courses productive and to augment the practical knowledge of the 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 managerial judgments.

The courses offered under Career Oriented Programmes includes, Human Resource Management, Marketing and

Sales Management, Logistics & Supply Chain Management, Mass Communication and Public Relation, and Integrated Marketing Communication.

Our reverence and gratitude to Rev. Dr. Dominic Savio, SJ, 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 would like to place on record our gratitude for our faculty. Their commitment has been exemplary. We thank Dr. Ruby Mary Notts, Assistant Professor and Programme Officer, and the support staff for their commitment, dedication and hard work.

Enabled by the guidance and dedication of Father Principal, faculty, support staff and students we were able to realize the Department's full potential. The department plans to introduce more new courses in the future which can help students enhance their analytical skills, competence and operational efficiency for the challenges ahead.

## 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 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 38 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. The Computer Centre has contributed immensely to the society by providing quality education to

the students and professionals of this great city and neighborhood. 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 the computer practical classes for the various UG and PG courses. Various activities like seminars, workshops, faculty/staff development programmes are regularly held at this facility. The computer centre has 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 session 2022-2023 instructor led SHORT-TERM ONLINE COURSES on latest trends in information technology were introduced at the Computer Centre and there has been an overwhelming response for these courses. Two batches of PYTHON Programming course were completed with 74 learners in the 1st batch and 67 learners in the second batch. The course on R Programming has 106 learners in the 1st batch. These courses are held in the evenings and during weekends and can be attended online from anywhere in the world. The course is open to the College students as well as outside students and professionals.

The courses on offer are:

1. Diploma in Multimedia and Animation
2. Short-term online courses in the evenings and weekends (PYTHON, R, SQL, C++, JAVA etc.)
3. Weekend professional courses on latest trends and technologies
4. Certificate / Diploma in website development and internet programming

**Director: Prof. Shalabh Agarwal**



# Educational Multimedia Research Centre (EMRC)

EMRC Kolkata, an integral part of St. Xavier's College (Autonomous), Kolkata is the only media centre under UGC/MoE, Govt. of India, to be hosted by a College. All other 20 UGC Media Centres in the country are hosted by universities. This is also one of the oldest Centres having been established in August 1986, under the leadership of veteran film scholar, Fr Gaston Roberge.

The Centre's core activity is the generation and delivery of educational content in multiple platform – video, multimedia, web portals and even online. Massive Open Online Courses (MOOC) are developed by EMRC Kolkata with the help of the best of faculty and researchers from premiere institutions of higher education and research. Contents are generated for the enrichment of the young and inquisitive with a view to opening a window to the world for them.

**MOOC Delivery :** The Centre has produced 11 MOOCs, both UG and PG, and have been uploaded into the government's SWAYAM portal for the period, January – June 2023. The MOOCs are as given below :

S. No	Level of the Course (UG/PG)	Course Title	Course Coordinator
1.	PG	Direct Tax Laws And Practice	Dr. Subhrangshu Sekhar Sarkar
2.	UG	Emergence of Early Historic India (300 BCE-750 CE)	Dr. Shouvik Mukhopadhyay
3.	UG	Indian Economics-2	Dr. Mahananda Kanjilal
4.	UG	Indian Political Thought - I	Dr. Jhumpa Mukherjee
5.	PG	Introduction To R	Dr. Santu Ghosh
6.	UG	Introduction to Sociology-II	Dr. Kasturi Sinha Ghosh
7.	UG	Junior Course in Kathak	Prof. Amita Dutt
8.	PG	Numerical Analysis	Dr. Madhumangal Pal
9.	PG	Operations Research	Prof. Bibhas Chandra Giri
10.	UG	Political Economy II	Dr. Samrat Roy
11.	UG	Sociology of Media	Dr. Ipsita Barat

## Workshops

EMRC Kolkata organized the following MOOC workshops:

- At Women's Christian College, Kalighat, Kolkata on March 27, 2023, introduced MOOC and its potential and the initiatives of the Indian government to provide the student community with the best of academic resources, a guided tour of the SWAYAM platform of the Ministry of Education in India was provided. A practical guide towards proposing and preparing a MOOC was also presented to the participants.
- At Indian Institute of Social Welfare & Business Management (IISWBM), Kolkata on May 25, 2023. Some thirty faculty members of institute attended the workshop, which introduced the SWAYAM platform of the government for online teaching and learning, and how lecturers can apply to be course coordinators of the government-funded MOOCs.

## Awards & Accolades

During the 14th Prakriti International Documentary Film Festival, March 01st to 03, 2023, EMRC Kolkata staff Sabuj Konar's Magician of the Red Soil was adjudged Best Documentary (Development category).

EMRC Kolkata is committed to the new initiatives of the government, with the support and cooperation of our patrons, the UGC and the CEC, and pledges to take the innovative, far-reaching ideals of the government through its NEP to greater heights in the near future.



# Finance Lab

In the sanctum of St. Xavier's College lies a sanctuary of financial knowledge—the Finance Lab. This haven boasts cutting-edge infrastructure, a testament to our dedication to nurturing financial intellect and delivering unparalleled learning experiences.

The Finance Lab at St. Xavier's College stands as a beacon of excellence, providing an environment for financial enthusiasts to converge, collaborate, and explore the intricacies of the financial world. With its advanced facilities, including high-end computers, stock market software, and dual monitors, the lab fosters an ambiance conducive to both individual and group endeavours.

This academic year witnessed the Finance Lab hosting the grand finale of Monopolise 2023, Xavier's Finance Community's flagship event, with 200 participating teams of two. Engaged in valuing their companies through the Discounted Cash Flow (DCF) valuation method, students found the lab optimal for strategic decision-making. The buzzing atmosphere during the lobbying session added an extra layer of excitement to the event.

March 2023 marked the inauguration of BullPen, our first inter-college event. The Finance Lab played a crucial role in shaping its backend operations, supporting around 350 teams from prestigious colleges across the country. From auctions to corporate simulations, the lab's facilities contributed to the success of this grand event.

Game of Trades, exclusively designed for first-year students, saw a record-breaking 400 teams participating. The Finance

Lab emerged as the nerve center for backend operations, handling tasks from operating demat accounts to resolving participant queries. Trades were recorded in our personalized Excel model made using Python, reaching the mark of 12000 trades over four trading hours.

Welcoming the new batch of 2023-24, Xavier's Finance Community conducted recruitment processes in the Finance Lab. With features like semi-round tables, a podium, and a central stage, the lab facilitated group discussions and personal interviews for around 500 applicants. Positive feedback emphasized the lab's instrumental role in conducting streamlined, effective processes.

The Finance Lab continued to be the focal point for knowledge dissemination, hosting seminars and workshops on personal development and skill enhancement. Topics from equity analysis to marketing found a vibrant space, with approximately 40 students attending insightful sessions daily.

As we traverse the academic journey, the Finance Lab remains integral to our initiatives. Xavier's Finance Community plans to expand, spreading financial literacy among Class 11 and Class 12 students from various schools across the country under the guidance of the esteemed faculty at St Xavier's College, Kolkata.

The Finance Lab received unanimous acclaim from everyone who experienced its magic this year. Its positive ambiance and cutting-edge facilities created an atmosphere where learning was not just a task but a delightful experience.





# ENACTUS

In the 2022-23 session, Enactus SXC achieved significant milestones, as our vision and hard work culminated in tangible impact. Throughout the session, the team actively advanced the cause of social entrepreneurship at every step. Several new initiatives were successfully launched, and existing projects expanded in scope and impact.

## PROJECT PATTRANG

Founded in 2020, Project Pattrang has been instrumental in fostering positive change among Chitrakars. Through over five exhibitions and collaborations with social media accounts boasting a combined following of over 20,000, the project broadened the reach of Chitrakars and contributed significantly to the preservation of their endangered art form.



*Project Pattrang exhibition at Taj Bengal*

## PROJECT UTHAAN

Project Uthaan soared to new heights by participating in The Green Bengal Innovation Contest, an intra-state competition



*Ghoramara Island visit accompanied by  
Dr. Cristina Dragomir and Dr. Arup Kumar Mitra*

supported by the Government of West Bengal. Social media handles for Project Uthaan were diligently crafted and launched to spread awareness among the audience about the island of Ghoramara and the project's vision.

## PROJECT NIRVAH

Made from rice husk and sabai grass, the seproducts offer solutions to combat plastic pollution and address India's air quality issues. From biodegradable kitchenware to customizable home decor, each piece not only makes a statement but actively contributes to a cleaner environment. Handcrafted by skilled artisans, these creations embody the essence of sustainability, preserving our heritage, and empowering local communities.



*Enacters at Sabai grass farm*

## RESEARCH AND DEVELOPMENT

The R&D wing remained an integral part of the organization, serving as the backbone of our mission. Dozens of projects were conceptualized, their feasibilities analyzed and several went on to brave the prototyping and marketing stages of development. The R & D department concluded the development of Project Nirvah, after adding another vertical of sustainable alternative products in the form of Sabai Grass products, along with rice husk. Research findings highlighted the potential of incorporating nano particle technology in advancing Project Shuddhi's water filter capability, enabling effective removal of a wide spectrum of bacterial contaminants along with iron and arsenic.



## SOCIAL IMPACT DRIVES

Enactus SXC, in March 2023, planned and executed a clothes collection and food distribution drive that saw the collection of over 9,000 pieces of clothing from the College and residential complexes. These garments found new homes in various NGOs such as Goonj, Don Bosco Ashalayam, Little Sisters of the Poor, the slums of New Alipore and Gariahat and the Ghoramara islands.



*Enacter distributing clothes to beneficiaries*

## OTHER KEY EVENTS

We participated in Enactus India National Exposition'23 in June 2023 and displayed three of our projects namely Project Patrang, Project Shuddhi and Project Nirvah.

In July 2023, Enactus SXC collaborated with Hulladek Recycling and the Living Pink Organisation for a conference on the Hazards of Plastic and Environmental Protection. This collaborative effort aimed to disseminate awareness about sustainability and environmental consciousness.

Enlightening workshops were conducted by Ms. Zeel Shah Daxini, the Finance Literary Cell of SRCC and Mr. Abhinay Muthoo throughout the year.

Enthusia'23, held in August, ventured into uncharted territories by having a grand launch event on campus. The event saw the registration of about 1,200 first-year students of the College. We were also graced by the esteemed presence of Ms. Shivani Bagaria and Ms. Vidhi Agarwal as speakers in the closing ceremony.

# SXC Twin Hostels

The Twin hostels were constructed, using a state-of-the-art architecture that combined the benefits of modern facilities and traditional ethos to ensure a holistic as well as a homely environment for both intellectual and moral development of the students. The boys' hostel has a total capacity for 276 students, out of which 234 are currently under occupancy. While the girls section of the hostel has a total capacity for 170 students, out of which 167 are currently occupied. Besides there are 7 guest rooms, one on each floor, which reserve around nine seats on average for students on foreign exchange programme.

Both the hostels also provide for a games room, a large refectory where meals are served five times a day, a study area which serves as a TV-room and library. There are compact basketball, volleyball and badminton courts within the hostel premises. Overall the hostels provide for a cohesive community experience which, along with academics, also facilitates interaction among students through various extracurricular activities. In the old hostels Annual Social and

Reunion used to be held annually, a tradition that has continued in the same spirit but under a new identity — 'Cofradia'.

Cofradia is held every year either at the end of February or in the beginning of March to celebrate the hostelites' passion for sports and cultural activities. Cofradia provides a platform, where the students get to participate in quizzes, debates, fashion show, dance, band performances, stand-up and other activities. Besides there are sports/games tournaments like badminton, volleyball, basketball, cricket, football and track events. Cofradia is a several weeks long extravaganza which begins with a fest on the occasion of 'Ad Meliora'.

The twin hostels oversee a strict vigilance of the academic performance of the students, the authorities also make regular inspection of the facilities to ensure that the students do devote their time to studies without facing any difficulties. Alongside, cultivation of a shared feeling of brotherhood/sisterhood and mutual appreciation and cooperation is



encouraged among them to help one another grow into fine human beings and responsible youths in society where they could live and contribute as men and women for and with others. Hostel life is one of those experiences which changes a person on different levels and it is said that one must experience hostel life at least once. With that being said our hostel life began on 16th September 2022 with our first day at the hostel. With time we were informed about our much awaited 'Freshers' day.' After a wait of a month it happened on 11th September 2022. The day began with all the students collecting at their respective hostel where we were invited to the boys' refectory for further programs.

We were privileged to have our respected principal, Fr. Dominic Savio, SJ after his inaugural address, we were

grouped together to take pictures with fathers and sisters. The welcome speech was given by Fr. David Paulraj, SJ, our superintendent. We had Fr. Joseph Kulandai, SJ and Fr. A. Peter Arockiam, SJ, our vice-principals, as our resource persons. Their talks were highly inspiring and motivating our first year students.

On 8th January, 2023, our Christmas celebration began in the evening and Rev. Fr. Dominic Savio SJ along with Rev. Fr. Joseph Kulandai SJ, Vice Principal B.Com Morning, Rev Fr. A Rex Angelo SJ, Principal from St. Xavier's College, Jaipur graced us with their presence. The program began with the soulful rendition of carols by the students of the first year under the guidance of Sr. Kaushalya. The 'Nativity of Jesus' through a skit was performed, followed by a mesmerising dance performance by the students of first year.



*Athletics Event*



*Cofradia-23*



*Christmas Gathering*





*Release of the first Hostel Annual Magazine - Carpe Diem*



*Outgoing Boys - Batch 2023*



*Outgoing Girls - Batch 2023*





The twin Hostels annual fest – COFRADIA was celebrated on 12th March. The daylong celebration commenced with the Eucharistic celebration presided over by Fr. Dominic Savio, the Principal and Fr. Narendra Singh, the Vice-principal of the Collegiate School. It concluded with the grand evening Cultural extravaganza and distribution of prizes for various categories. Prof. Bertram Da Silva, the Vice-principal of Arts

and Science, was the Chief Guest and Mr. Firdausul Hasan, the Honorary Secretary of the College Alumni, was the Guest of Honour. During this year Cofradia, the first Annual Magazine of the Twin Hostels – 'Carpe Diem', was released. The magazine offers the students of hostels a space to explore their ideas, thoughts and to express their views on national and global concerns.

## Fr. Verstraeten Central Library

Fr. Verstraeten Central library is at the heart of the College's academic, research, and outreach activities. The library continued its mission of facilitating the creation of new knowledge through the acquisition, organization and dissemination of library materials. The highly motivated and skilled library staff ably guided and supported by the Library Committee has been delivering quality services to the students, faculty, staff, and alumni.

Library Service, as we know, is under the purview of the service sector. It demands not only a useful collection of library resources but a nice infrastructure also to arrange them in an organized way. To ensure quality library service, the infrastructure plays a vital role. This year witnessed a qualitative infrastructural development along with the increase in time-worthy collection of library resources.

### Infrastructural Development

#### New Faculty and Research Scholars' Cells:

For the convenience of the faculty members and research scholars' two separate reading cells are newly set up at the first floor of the reading section.



#### Uniform Racks for Reading Section:

Uniform racks are installed at the Reading Section of the Central Library and at the Department of Education Library (Lending and Reading Sections) to accommodate more books. These are also renovated with PVC flooring.

### Development in the Teaching – Learning Area

Online Services Provided during the academic year 2022-2023: -

- **INFLIBNET-NLIST:** 1,95,809+ e-books & 6,292+ e-journals :<https://nlist.inflibnet.ac.in/>
- **JSTOR:** 2,500+ e-journals: Access through INFLIBNET-NLIST
- **National Digital Library of India [NDLI]:** 76,00,369+ e-books, 3,667+ audio lectures, 5,13,826+ video lectures, 8,75,125+ theses, 4,54,75,149+ articles : <https://ndl.iitkgp.ac.in/>





- **The National Archives of India (NAI) :**  
<http://www.abhilekh-patal.in>
- **Indiastat[Online Database]:** [www.indiastat.com](http://www.indiastat.com)
- **ProQuest One Literature [Online Database]:**  
[www.proquest.com](http://www.proquest.com)  
For E-Books: Use E-Books Central -  
<http://ebookcentral.proquest.com/lib/sxckolkata/home.action>
- **ProwessIQ[Online Database]:**  
<https://prowessiq.cmie.com/>
- **Economic Outlook [Online Database]:**  
<http://economicoutlook.cmie.com>
- **India Business Insight [Online Database]:**  
<http://indiabusinessinsight.com/ibi>
- **Oxford E-Books** (Economics, Physics, Sociology, Management, Mathematics & Biotechnology):  
<https://www.universitypressscholarship.com/>
- **Pearson E-Books** (Sociology, Political Science, Chemistry, Physics, Computer Science, Mathematics & IAS Exam):  
Access through [www.proquest.com](http://www.proquest.com)
- **DOAJ:** 19,890+ journals:[www.doaj.org](http://www.doaj.org)
- **DOAB:** 71,000+ academic peer-reviewed books:  
<https://www.doabooks.org/>
- **Sage Journals:** 32 e-journals (Subscribed):  
<http://journals.sagepub.com>
- **AIMS International Journal of Management:**  
<http://www.aims-international.org/AIMSijm/default.asp>
- **Time Magazine:** [time.com](http://time.com)
- **Down to Earth:** [www.downtoearth.org.in/](http://www.downtoearth.org.in/)
- **The Economist:** <http://www.economist.com>
- **Harvard Business Review:** <http://www.hbr.org>
- **The Hindu Business Line [Digital Version]:**  
<https://epaper.thehindubusinessline.com>
- **The Hindu [Digital Version]:**  
<https://epaper.thehindu.com>
- **The Wall Street Journal [Online Newspaper]:** <http://wsj-asia.com>

- **iThenticate: Plagiarism Detection Software:**  
[https://app.ithenticate.com/en\\_us/login](https://app.ithenticate.com/en_us/login)

#### Institutional Collaboration:

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

#### Addition of Resources:

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

No. of Printed books added(July'22-June'23) 1,394

No. of Periodicals subscribed and/or renewed 126

PhD theses were uploaded in the institutional repository DSpace software for remote access.

#### Orientation Programme for New Users:

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

#### Dept. of Education Library & Raghobpur Campus Library:

These libraries are continuously updated with resources for the advancement of study and teaching.

This year Department of Education library is renovated with uniform rack system along with PVC flooring.

No. of books added for Education Dept. Library is 233

No. of books added for Raghobpur Campus Library is 480

#### Overview of Total Collection of Printed Books & Journals

	Central Library	Department of Education	Raghobpur Campus	Total
Total No. of Library Holdings	68,733	9,551	10,926	89,210
No. of books in Lending Section	49,684	4,233	8,631	62,548
No. of books in Reading Section	17,116	4,898	2,118	24,132
No. of Books in Book Bank Section	785	395	57	1,237
No. of Periodicals	119	7	0	126
No. of CDs/ DVDs	753	24	120	897
No. of Reports	175	0	0	175
No. of Ph.D Thesis	22	0	0	22
No. of Newspapers	10	2	3	15

Collection As on 17-11-23



ISO 9001: 2015 Audit: At the Central Library the audit was carried out on 20th May 2023. Library Process covering Identification, Traceability, Preservation, Storage and Delivery of Books and Journals was measured against the Standard.

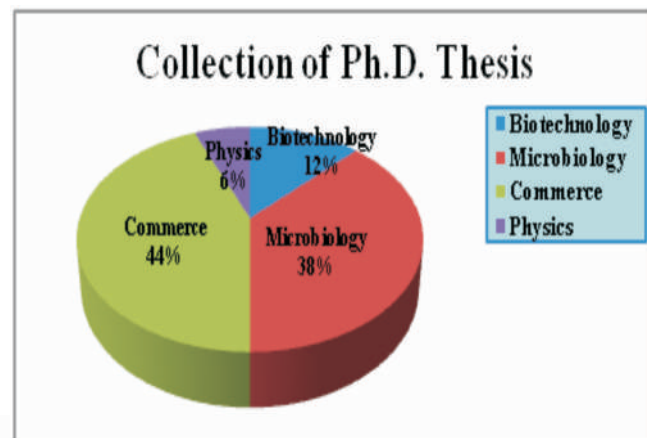
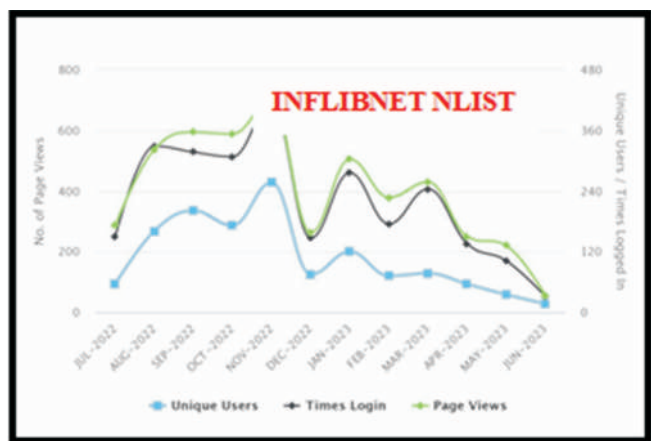
**Academic Audit 2023:** It was carried out on 21st April 2023 at the Central Library.

#### Personalia:


Mr. Joseph Rahul Anthony was recruited in the Central Library this year to strengthen the human resources.

#### Future Plan:

Introducing more online e-resources to facilitate remote access.



## INDIASTAT USAGE REPORT

Subscriber's Name : St. Xavier's College (Autonomous)-Access 1																																														
Site(s) Subscribed		Subscription Period		Mode of Access	No(s) of Users	Limits(Tables)																																								
IndiaStat.com & its 56 Associate Site(s)		23-Dec-2022		Username & Password	2	Views & Prints-15000 Downloads-10000 Time Period-1 year																																								
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					Indiatat.com		2125																																							
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1719	444	406	38	0																																										
CATEGORY-WISE USAGE (Top-15)																																														
Statistical information on Indiatat.com and its 56 associate websites is categorized in 31 broad data categories. Following Broad data categories are accessed during the selected time period																																														
Name of Data Category		No. of times accessed																																												
Agriculture		184																																												
Banks and Financial Institutions		25																																												
Crime and Law		137																																												
Demographics		15																																												
Economy		114																																												
Education		219																																												
Environment and Pollution		33																																												
Foreign Trade		140																																												
Forest and Wildlife		37																																												
Health		63																																												
Housing		7																																												
Month-WISE TOTAL NO. OF TABLE VIEWS/PRINTS AND DOWNLOADS																																														
 <table border="1"><thead><tr><th>Month</th><th>Views</th><th>Downloads</th></tr></thead><tbody><tr><td>Jul 22</td><td>32</td><td>16</td></tr><tr><td>Aug 22</td><td>70</td><td>16</td></tr><tr><td>Sep 22</td><td>42</td><td>16</td></tr><tr><td>Oct 22</td><td>22</td><td>16</td></tr><tr><td>Nov 22</td><td>32</td><td>16</td></tr><tr><td>Dec 22</td><td>124</td><td>49</td></tr><tr><td>Jan 23</td><td>94</td><td>43</td></tr><tr><td>Feb 23</td><td>456</td><td>143</td></tr><tr><td>Mar 23</td><td>360</td><td>87</td></tr><tr><td>Apr 23</td><td>366</td><td>42</td></tr><tr><td>May 23</td><td>11</td><td>16</td></tr><tr><td>Jun 23</td><td>111</td><td>16</td></tr></tbody></table>								Month	Views	Downloads	Jul 22	32	16	Aug 22	70	16	Sep 22	42	16	Oct 22	22	16	Nov 22	32	16	Dec 22	124	49	Jan 23	94	43	Feb 23	456	143	Mar 23	360	87	Apr 23	366	42	May 23	11	16	Jun 23	111	16
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# Placement Cell

The number of companies considering us for placements have increased. Many new as well as regular companies visited our College for placement and internship drives this year. This year we began to conduct the drives on a hybrid mode, with DE Shaw conducting the first on-campus drive in August 2022. This was followed by companies like, Accenture, Deloitte US-India, Price Waterhouse Coopers (PWC), Ernst & Young, Amazon, Zomato, Aditya Birla Capital, Futures First, Tata Consultancy Services, Tata Steel, Tata Consumer Products, Wipro, BYJU'S, Aakash Institute, Swiss Re, Axxela, ICICI Bank, Axis Bank, Kotak Mahindra Bank, South Indian Bank, Federal Bank, Indian Navy, Shyam Steel, Asian Paints, Nestle, Reliance, Airtel, Hitachi, Puma, RSA Actuarial Service, PWC Actuarial Service, Willis Tower Watson, EXL Services, First Cheque, Godrej, Keventers, SalesUp, Decathlon, Club Mahindra, Larsen & Toubro, and many more. Out of 1,179 registrations, we have placed 672 students through on-campus drives and off-campus interviews from various Departments, like B. Com., B.M.S., M. Com., Economics (Hons.), Mathematics (Hons.), Biotechnology, English (Hons.), Statistics (Hons.), Political Science (Hons.) and Computer Science, with the annual CTC ranging from 3.5 to 24 lakhs per annum. We also had companies like Coca-Cola, Puma, Nestle, Zivame, ICICI Lombard, D E Shaw, Keventer, Accenture, Internshala, Radio Mirchi, Economics Times,

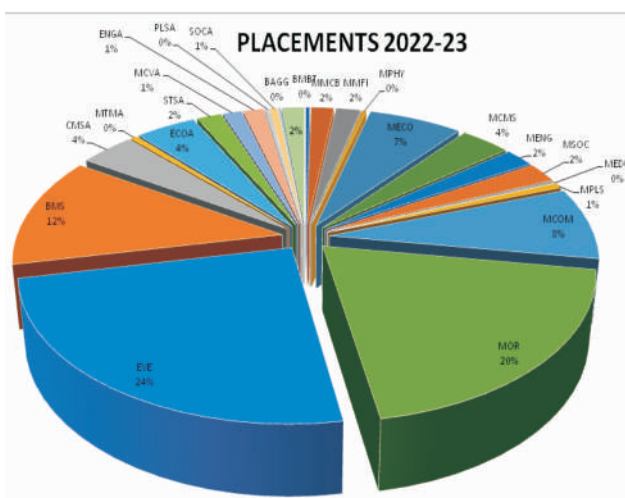
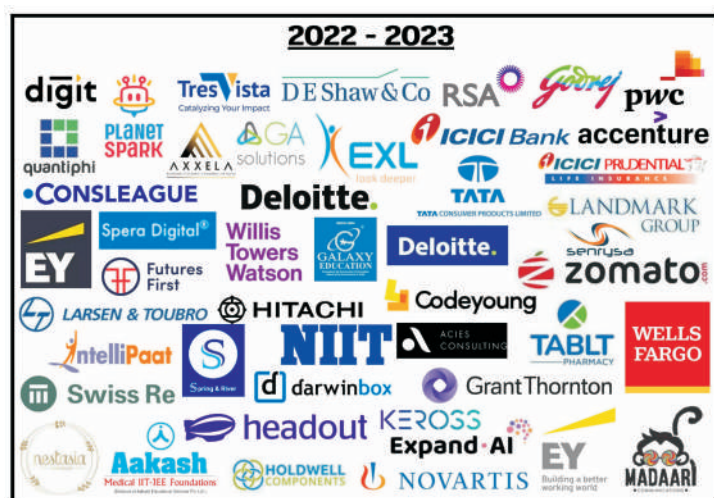
Byjus, ITC etc. offering internship opportunities to our students.

Besides the regular placements and internships, companies like Accenture, Ernst and Young India, Deloitte India, Wipro, and Tata organised their national level competitions and workshops for the students of various departments. The response to such competitions were overwhelming. It has enhanced the communication and managerial skills of our students and helped them get a glimpse of corporate life.

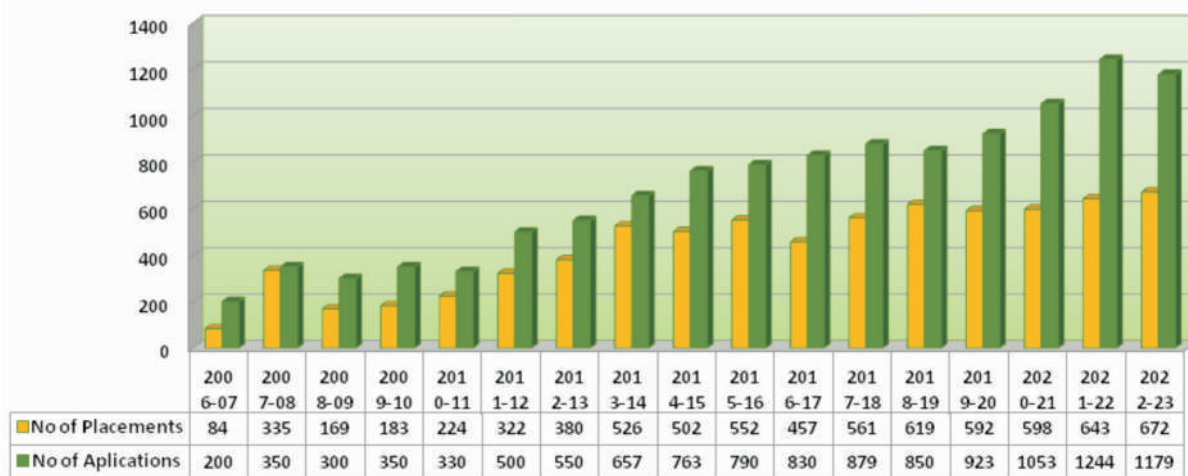
INITIUM, an Internship Exposition, an annual event, was organised by The Placement Cell in collaboration with The Entrepreneurship Development Cell. This event provided internship opportunities to our students. Initium, 2023 saw more than 400 student registrations and more than 60 companies participating, including Ambuja Neotia, RSM Consultancy, E-celtic Consultancy, and Hulladek Recycling. The event was a resounding success, with 150+ students securing internships in fields such as marketing, sales, human resources, finance, and many more. We were also proud to have featured Shark Tank companies "Patil kaki" and "Birds of Paradyes" which added to the excitement and energy of the event. As part of the Expo, we organized workshops focused on "Resume, LinkedIn, and Networking" and "How to Ace an Interview".

Sector-wise placements, 2022-23	
Human Resource / Management	13
Analyst	157
Finance	186
Information Technology	65
Business Development	53
Marketing	146
Teaching	15
Media	37
<b>Total</b>	<b>672</b>

Packages Offered to our students (Cost to Company - ₹ Lakhs per annum), 2022-23			
ACADEMIC YEAR	MINIMUM CTC	AVERAGE CTC	HIGHEST CTC
2014 - 15	2.5	5	12
2015 - 16	2.5	6	14
2016 - 17	3	6.5	17.5
2017 - 18	3	6.5	17.5
2018 - 19	3	7	20.5
2019 - 20	3	7	20.5
2020 - 21	3	7	21.5
2021 - 22	3.5	7.5	24
2022 - 23	3.5	7.5	24



## Placement Performance from 2006 to 2023





# Rev. Fr. Franz Goreaux

## Central Research Facility

### Introduction

The Central Research Facility (CRF), inaugurated in 2014 houses state of the art equipment for instrumental and theoretical research for Physics, Chemistry, Statistics, Mathematics, Microbiology and Biotechnology Departments. The facilities are also accessed by summer and winter project interns, B.Sc and M.Sc students for their skill enhancement and dissertations. It is upgraded every year in terms of procurement of new advanced level instruments and computational facilities and the total assets now amount to more than Rs.3.0 cr. This year, the CRF has also initiated sample measurement from other Colleges and Institutions.

### The Central Research Facility of St. Xavier's College houses the following laboratories

#### 1. Cold room

- It is mainly used for protein isolation and purification as a part of our aim to understand function of specific transcription factors during development, and genetic /epigenetic basis of stress signalling.
- RNA extraction and zymogen analysis
- Storage of S-300 sephacryl column and dialysis of crystallin protein
- Keep samples like soil and waste water are stored so that they remain etc. intact for further downstream analysis.



#### 2. Culture Laboratories – fully functional

##### PLANT TISSUE CULTURE LABORATORY

###### Laminar air flow unit

- Maintaining plant for seed propagation and specific experiments.
- Laminar hood is used to ensure sterile environment while performing tissue culture work.
- Growth rack is mostly used for maintaining mutants, transgenic and wild type Arabidopsis plants.
- It is used for transgenic plant culture.



##### ANIMAL TISSUE CULTURE LABORATORY

###### Inverted Microscope:

- To study the droplet pattern of aqueous Laponite suspension varying the ambient condition.
- Used for visualizing mammalian cells in culture under sterile conditions and for immunocytochemistry experiments involving mammalian cells.





### 3. General Biology Laboratory

#### Atomic Absorption Spectrophotometer (PinAacle-500)

It is used for the detection of Cadmium, Iron, Lead, Arsenic, Nickel and Copper in individual water and soil samples to specify the metal pollution risks at the sample collection sites.



#### Growth Chamber and Incubator

Growth chamber & BOD incubator shaker is being used for optimizing growth of various microbes and standardizing their various growth parameters like temperature, optimum humidity, light intensity etc.



### 4. Chemistry Laboratory

- For accurate weighing and preparation of protein samples, buffers at various pH, antibiotic drug solutions, salt solutions, acrylamide stock solutions.
- Designed Synthesis and purification recrystallization of Cu(II) complex with anthracene-azo-oxime.



### 5. Science Education Laboratory

#### Viscometer

- Fluids of different viscosity like, aqueous solution of different salts, gelatin solution, Laponite solution of different concentrations, tomato ketchup, butter solution etc. are studied.
- It is also used to determine whether an unknown solution is Newtonian fluid or Non-Newtonian in nature.



### 6. Instrumental Laboratory

#### F-7000 Fluorimeter

- To analyze GFP or GUS expression in plants for assessing stable transgenic lines or during transient activation assays.
- It is used for enzyme assay.
- Spectro fluorimeter is used studying Spectroscopic properties of proteins and temperature variation studies in proteins.



- BSA-Oleic acid systems have been worked on with Ln-Tc complexes.
- BSA-Oleic acid system has been worked on with Ln-Tc and different denaturants link urea/Guanidium hydrochloride
- Fluorescence and phosphorescence studies have been performed with GAPD and quencher molecules currently.
- Measurement of intrinsic fluorescence quenching during protein ligand interaction.



#### U-2900 UV/VIS Spectrophotometer

- Measuring Absorbance @ 230,260, 280, 595, 600 nm.
- Used for calculating protein, DNA or RNA concentrations.
- It is used for enzyme assay.



#### Fluorescence Microscope

Fluorescence microscopy is used for detection of cell damage. Cells are treated with fluorescent dye and then placed under microscope. Healthy cells appear intact while damage cells have ruptured membranes.



#### Binocular Microscope

To study the droplet pattern of aqueous Laponite suspension varying the ambient condition.

#### Lyophilizer

Currently being used for freeze drying colloidal chitin, plant extracts and bacterial cell pellets which were further used for certain inhibition and degradation processes.



#### Magcam Camera

It is used to study the fluid dynamics through droplet evaporation.

#### 7. Networking

- Simulating periodic wetting-drying crack network and studying fluid flow in porous media.
- Application of different algebraic topological tools on both simulated and real physical systems to understand behaviour of different dynamical systems.
- Running in-house codes to study the properties of various oxide clusters (like FeO, MgO etc).
- Mathematica has been procured, installed and available for the students and faculty for regular use.





## INSTALLATION OF NEW INSTRUMENTS UNDER DST-FIST II (2019)

- Advance HPLC System – Waters
- Modular Compact Rheometer – Anton Paar
- Mathematica Software 15 User – Wolfram
- FTIR Model: Alpha II – Bruker Optics, Germany

### I. Fourier Transform infrared Spectrophotometer- FTIR

**Make: Bruker Optics GmbH & Co. KG., Germany**

**Model: ALPHA II**

Successful installation of the ATR IR machine was done on 6th Jan 2023. In this machine one can use samples directly without making KBr pellet. To check the FT-IR machine in the entire region of 4000 - 500  $\text{cm}^{-1}$ , we had scanned a variety of organic compounds of diverse functional groups. We had started with the compound benzyl which has ketone as functional group. The theoretical IR data of the benzil is 3050 (for  $\text{sp}^2 \text{C-H}$  stretching), 1660 (for carbonyl stretching), 1450 (for benzylic  $\text{C=C}$  stretching)  $\text{cm}^{-1}$  etc. In the experimental data, we found the peaks at 3045, 1665 and 1460  $\text{cm}^{-1}$  which is within the acceptable range. Similarly, we had also analyzed vanillin. The theoretical IR data of the vanillin is 3540 (for  $\text{O-H}$  stretching), 1695 (for carbonyl), 1430 (for benzylic  $\text{C=C}$ ), 1268 (for  $\text{C-OH}$  stretching)  $\text{cm}^{-1}$  etc. In the experimental data we found the peaks at 3530, 1700, 1450 and 1250  $\text{cm}^{-1}$  which is also within the acceptable range. Also, we had monitored the solvent effect on IR by measuring the IR data of o-nitrophenol in solution phase with and without dilution.



### II. MCR 72 MODULAR COMPACT RHEOMETER

**Make: Anton Paar**

**Model: MCR 72**

Successful installation of the equipment was done on 11th Jan 2023. It was used to measure the way in which the Newtonian and non-Newtonian fluids

behave with respect to the applied forces. Aqueous glucose sample and Laponite

solution in gel form have been used and the thixotropic behavior of gel sample (Laponite solution) was also measured and corroborated.



### III. Waters Advance HPLC System

**Make: Waters**

**Model: 1525 Binary Gradient HPLC Pump, 2489 UV/Visible Detector**

Installation was done from the vendor end on 10th Jan 2023. The demonstration started with the detection of acetone. The collection was started at 265 nm which was around the absorption maxima of acetone. The injection volume was 20 microlitre and scanned for 10 minutes. The peak at 3.716 with area around 99.45% corresponds to acetone. After successful detection of acetone, the next sample was benzil. The absorption maxima of benzil reported to be around 259 nm. Consequently, the sample was collected at this wavelength keeping the injection volume same and scanning time for 20 minutes. The peak at 9.317 with area 100% corroborated well with benzil.





## ANNUAL MAINTAINENCE CONTRACT

- Cold Room (4 Degree)
- F-7000 Fluorimeter
- U-2900 UV/VIS Spectrophotometer
- HPProliant Server – 2

**Period of report: July 2022 to June 2023**

**Director: Dr. Rina Ghosh**

**Technical Officer: Mr. Arup Mandal**

## Ph.D Cell

St. Xavier's College gratefully acknowledges the confidence bestowed upon by the University of Calcutta in successfully running the Ph.D. Programs in the eight Post-Graduate and Research Departments of Physics, Biotechnology, Microbiology Commerce, Computer Science, English, Bengali and Political Science respectively. The Ph.D Programs in Economics and Sociology are in the pipeline.

Currently there are fifty Principal Supervisors followed by seventy-eight registered scholars in the college. The Ph.D

degree was awarded to twenty scholars of the College by the University of Calcutta in the Convocation and Valedictory Ceremonies since 2022. The awarded Ph.D thesis are already uploaded at the UGC repository namely Shodganga and also at Digital Library of the University of Calcutta. The Ph.D Course Work Programs are conducted in tune with the recommendations as stated in UGC Regulations. The Research Advisory Committee (RAC) meetings are conducted on regular basis to monitor and expedite the progress of the scholars.

## The Internal Quality Assurance Cell (IQAC)

Highlights of preparations for accreditation by NAAC due in 2024, under the leadership of the Chairperson of the IQAC Father Principal Rev. Dr. Dominic Savio SJ

- Initiation of Electoral Club for the College
- Execution of Gender Audit
- Re-certification for Environment Audit
- Preparedness for implementation of National Education Policy
- Participation in NAAC Seminar at Bengaluru, 6th January 2023

- Orientation Sessions on National Education Policy (NEP) for the Faculty Members, Support Staff, Students, Alumni and Parents

- Orientation Sessions on Student Satisfaction Survey
- Series of meetings, brainstorming and presentations of drafts of Self-Study Report by the seven teams constituted for the seven criteria of NAAC.
- Facilitating the data collection, uploading and documentation process for accreditation by NAAC

A core team formed by Father Principal is working closely to finalise the Self Study Report.



Under the guidance of Father Principal Rev. Dr. Dominic Savio SJ, Chairperson of IQAC, St. Xavier's College (Autonomous) Kolkata secured Fifth Rank in the College Category in the National Institutional Ranking Framework Results for 2023.

The IQAC submitted AQAR 2021-22, the mandatory Annual Quality Assurance Report to NAAC, the National Assessment and Accreditation Council, in July 2023.

Data for the All India Survey of Higher Education (AISHE) 2021-22 was successfully uploaded by the IQAC. The IQAC also participated in a Data Audit of the information furnished in AISHE 2020-21 Survey as well as Scholarships initiated by the Ministry of Education, Govt. of India.

On behalf of Father Principal, the IQAC Coordinator attended the Academic Renewal Programme of AIACHE held at Port Blair from 24th to 26th of August 2023. He accompanied the Vice Principal (Commerce Morning) Rev. Dr. Joseph Kulandai, SJ. The Academic Renewal program was a structured initiative aimed at enhancing the skills, knowledge, and professional development of academic leaders and faculty members in colleges of AIACHE institutions.

The ISO 9001:2015 Annual Surveillance Audit was carried out during the period 20th to 22nd May 2023. Based on the results of the surveillance audit, the audit team recommended that the Management System Certification for the College be continued.

Members of the IQAC participated in the North-Zone Conference of Jesuit Higher Education Association of South Asia on "Artificial Intelligence and the future of Higher Education" held on October 7th and 8th, 2023, at St. Xavier's University Kolkata. Principal Rev. Dr. Dominic Savio SJ was the Coordinator of the Conference.

#### Other Quality initiatives organized by the IQAC include:

- A Faculty Development Program on "Integrating Artificial Intelligence in Higher Education"
- Soft-Skill Development Programs for support staff
- Mental Health Management Sessions for the support staff
- Skill Development Programs for Empowerment of Women
- A session on Intellectual Property Rights in collaboration with Patent Office, Govt. of India

#### Collaborations with:

- The Academic Council for the Annual Academic Audit of the College.
- The Postgraduate and Research Department of Commerce & Department of Management Studies, to organize a Seven-day FDP on "Pedagogical Innovations in Management Teaching and Research"
- The Postgraduate and Research Department of Commerce to organize an International Conference on Emerging Perspectives in Commerce, Economics, Environment and Management with the theme "Building the SDG Economy: Emerging Challenges and Prospects"
- The Postgraduate and Research Department of Computer Science to organize a Five-day FDP on the topic "Data and Beyond"
- The Postgraduate Department of Economics to host an International Conference Commemorating Fifty Years of the Specific Factor Model developed by Prof. Ronald W. Jones.

As every year, preparations are on for participation in the NIRF Rankings of 2024.







**St. Xavier's College (Autonomous), Kolkata**  
NAAC ACCREDITED A++; Ranked 8<sup>th</sup> in NIRF 2022 under "College" Category;  
College of Excellence; ISO 9001:2015 Certified; College with a Special Heritage Status.

**Internal Quality Assurance Cell (IQAC)**  
presents  
Computer Training Programme for Group-C Office Staff

**Chief Patron:**  
Rev. Dr. Dominic Savio, SJ  
Principal

**SCHEDULE:**

- Registration: 9:30 A.M. to 9:45 A.M.
- Inaugural Programme: 9:45 A.M. to 10:00 A.M.
- Session 1: 10:00 A.M. to 11:30 A.M.
- Session 2: 11:30 A.M. to 1:00 P.M.
- Lunch: 1:00 P.M. to 2:00 P.M.
- Session 3: 2:00 P.M. to 3:45 P.M.
- Feedback: 3:45 P.M. to 4:00 P.M.
- Tea Break: 4:00 P.M.

**Patrons:**

- Rev. Dr. Peter Arackiam, SJ, Vice-Principal, Commerce(E)
- Rev. Dr. Joseph Kulandai, SJ, Vice-Principal, Commerce(M)
- Prof. Bertram Da Silva, Vice-Principal, Arts & Science
- Rev. Johnson Padilla, SJ, Vice-Principal, Commerce, Rajahmundry
- Dr. Charlotte Simpson Veigas, Vice-Principal, Education
- Dr. Ayan Chandra, Member Secretary, Academic Council
- Dr. Partha Pratim Ghosh, Coordinator, IQAC
- Dr. Partha Pratim Ghosh, Asst. Controller of Examinations

**DATE: 25<sup>TH</sup> FEBRUARY, 2023**  
Venue: Computer Lab-3 (Chapel Building 3<sup>rd</sup> Floor)  
FUNDED BY: NATIONAL HIGHER EDUCATION MISSION

**St. Xavier's College (Autonomous), Kolkata**  
College with potential for Excellence, College of Excellence, College with a Special Heritage Status.  
NAAC ACCREDITED A++ Ranked 8<sup>th</sup> in NIRF 2022 under "College" category, ISO 9001:2015 Certified

**SEVEN-DAY FACULTY DEVELOPMENT PROGRAMME**  
on  
Pedagogical Innovations in Management Teaching and Research  
organized by  
Postgraduate and Research Department of Commerce & Department of Management Studies  
in collaboration with  
St. Xavier's College, Internal Quality Assurance Cell (IQAC)

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**St. Xavier's College (Autonomous), Kolkata**  
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ORGANIZED BY  
**INTERNAL QUALITY ASSURANCE CELL (IQAC)**

**FACULTY DEVELOPMENT PROGRAMME**  
 ON  
**INTEGRATING ARTIFICIAL INTELLIGENCE  
 IN HIGHER EDUCATION**

SESSION 1: AI IN THE CLASSROOM  
 SESSION 2: AI TOOLS TO ENHANCE TEACHING,  
 LEARNING & ASSESSMENT  
 SESSION 3: ETHICAL & PRIVACY CONSIDERATIONS

SUPPORTED BY  
**RASHTRIYA UCHCHATAH SHIKSHA  
 ABHIYAN (RUSA)**

**3.10.23 – COMMERCE & MANAGEMENT | 5.10.23 – ARTS & EDUCATION | 6.10.23 - SCIENCE  
 10 AM ONWARDS**







# Societies





# AICUF



The All India Catholic University Federation (AICUF) West Bengal, has its State Secretariat in St. Xavier's College (Autonomous), Kolkata. Fr. David Paulraj SJ, was appointed as the State Advisor of AICUF West Bengal on 01st February, 2023. Prof. Dr. Charlotte Simpson-Veigas is the State Co-ordinator of AICUF. Despite facing multiple challenges post-pandemic, the AICUF has gradually begun to get back on its feet. With an enthusiastic set of new AICUFers, soon the activities will be organized, in the future, abiding by the motto, taken from the Poonamallee AICUF Declaration which stands –“We were born into an unjust society and we are determined not to leave it as we have found it.”

## AICUF 35th National Council Meet

The following report outlines the events and activities that took place during the 35th AICUF National Council Meet, held at the AICUF House, Chennai, Tamil Nadu from 12th to 15th August. Fr. Jossie Lobo SJ, a renowned speaker and scholar, delivered the keynote address. His insightful thoughts and ideas served as a catalyst for discussions throughout the day. His interactive session allowed participants to delve deeper into the conference's theme, encouraging active participation and sharing of ideas. After that, a session on women's empowerment and their role in societal change had us discuss the impact of women's leadership and initiatives.

On 15th August, we celebrated the Independence Day with the inter-religious prayer service, thanking the Almighty for the gift of life, praising God for the

graces and interceding for His blessings over our Nation. By organizing this prayer services, students were made aware of the values, morals and traditions of other religions. This was then followed by the flag hoisting on occasion of 77th Independence Day. The guest of honour and chief speaker for the day was Mr. Sashikant Senthil – a former IAS officer of Karnataka. It was a very

enlightening and fruitful session, where he discussed about the importance of two key terms “Education and Empowerment.” He also discussed about how youth, who are the agent of change can shape the future by engaging themselves in political issues and can significantly influence electoral outcomes / policy decisions and shape the political landscape.

After the session a state wise planning was presented by each state, discussing about the actions they are going to take, things they are going to implement in their own state to bring social change as an AICUFer. The following key points were presented by the AICUF West Bengal, Kolkata unit:

- Revival of AICUF
- Branching out with colleges and schools (especially with the rural)
- Remedial classes for the weaker section
- Outreach programs





## Orientation Programme

The orientation for the new All India Catholic University Federation (AICUF) members was held on the 17th September 2023. The session was graced by presence of Rev. Dr. M S Arockiasamy SJ, Prof. Cheryl Francis and Dr. Charlotte Simpson Veigas who were also the resource persons for the day. The session was moderated by Fr. David Paulraj SJ. The program was attended by 259 students.

The first session by Prof. Cheryl Francis, the Director of NSS and the Department of Social Work, was highly informative and inspirational. She, in her engaging discourse, provided valuable insights into the All India Catholic University Federation (AICUF) and the transformative potential it holds for young individuals. She commenced the session with an introduction that highlighted her own journey, emphasizing her early involvement as an AICUF member and the pivotal role that AICUF played in shaping her career. Her progression from being an AICUF member to becoming the Director of NSS was a testament to the leadership and personal growth opportunities that active participation in organizations like AICUF can offer.



The session also included a highly engaging interactive segment. Prof. Cheryl Francis encouraged students to reflect on the changes they wished to bring about in their own lives. This exercise not only fostered self-awareness but also provided an opportunity for attendees to articulate their goals and aspirations. Many students actively participated, sharing a diverse range of ideas and aspirations for personal development, leadership, and community engagement.

In the second session which took place in the Room Number 16 where Fr. M S Arockiasamy, SJ stated the history of AICUF, how it was formed and then explained how AICUF started in St. Xavier's College (Autonomous), Kolkata under the leadership of Fr. Babu Beckers SJ.

Dr. Charlotte Simpson Vegas further explained the students how AICUF plays an important role in shaping the future of the young generations of the country and how the young generations can learn from AICUF and bring about the changes in our country. She spoke about the one-rupee revolution that was implemented by Fr. Felix Raj, SJ showing how even one rupee as a donation can help and change the under privileged of the society.

## Conclusion

The All India Catholic University Federation (AICUF) is a prominent student movement in India. It is an organization that primarily consists of Catholic students in various universities and colleges across the country. As a student movement, AICUF promotes values such as social justice, equality, and solidarity. Members often engage in community service, promote awareness of social issues, and work towards fostering a sense of responsibility among students. AICUF aims to create socially aware and responsible individuals who can contribute positively to society.

AICUF plays a significant role in the holistic development of young leaders by focusing on leadership training, social engagement, educational support, cultural exposure, advocacy, networking, and moral development. These experiences and opportunities help students become well-rounded and socially conscious individuals who are better prepared to assume leadership roles in various fields.



# The Bengali Literary Society

The Bengali Literary Society of St. Xavier's College (Autonomous), Kolkata, after its revival this year, from the discontinuation due to the pandemic, has organized two consecutive events successfully. The audition for new recruitments for year 2023-24 completed on September 1st, 2023, with the list of final team members. Within 10 days, BLS came up with the announcement of the event - Bodhan, named 'Tomar Priyo Ritu Borsha Tai' on 11th of September, which celebrated the monsoon in the city through nostalgic Bengali songs performed by the students at the iconic Green Benches of the College.

It was followed by the announcement for Bodhan, the Pre-Puja extravaganza organized by BLS, by the Deputy president of the society Dr. Shruti Goswami. Bodhan took place on 10th of October, just four days before Mahalaya. Bodhan is a cultural and competitive extravaganza that is all about celebrating the coming of Puja, as well as the long running Bengali cultural traditions. This year, Bodhan comprised a lineup of cultural and competitive events, a heartwarming

panel discussion and felicitation session as well as a soothing performance by a cultural group. The glorious presence of Father Principal Dr. Dominic Savio SJ and other respected dignitaries made the inaugural ceremony enriching for all the attending students. It was followed by a dance performance, a stage play as a tribute to 100 years of 'Abol Tabol' by Sukumar Ray, three competitions i.e. Group music, Quiz and Debate. A panel discussion on 50 years of Bengali Band had Anindya Chatterjee from Chandrabindoo, Sidhu from Cactus, Joyjit Lahiri from Gorer Math and Kaushik Chakraborty from Prithibi as it celebrated the different generations of Bengali band music and its evolution. The discussion was enriching and entertaining at the same time. The evening came to an end with the dynamic performance by the cultural musical group Talpatar Sepai. All the students enjoyed the day thoroughly. Bodhan, as an event, was all about cultural celebration and cultural exchange. We believe, BLS will continue to conduct more academic and cultural events to enrich the cultural prosperity of the college.

## Department of Social Work: NSS and UBA

### OUTREACH & EXTENSION ACTIVITIES IN RURAL AND URBAN AREAS

**JULY 2022 – JUNE 2023**

#### Introduction

The department was able to plan and implement various outreach and extension activities during the reporting period. This year, the NSS not only collaborated with various departments of the College but also with two KMC Wards (Ward 63 and 143) for various community engagement programmes. Participating in these activities enabled the students to gain meaningful perspective on various social issues. This report briefly enumerates all the activities of the department during July 2022 to June 2023.

### NATIONAL SERVICE SCHEME

#### INITIATIVES UNDERTAKEN BY NSS UNIT I

##### i. Tree Plantation drive

With the aim of protecting the environment, on 30th July 2022, 11 volunteers participated in a tree plantation drive organised by KMC Ward 63 at Rawdon Square. The volunteers planted around 50 trees at the Square and through handmade posters, created awareness on the importance of nurturing and preserving the environment.

##### ii. Awareness on Human Trafficking 1

On 30th July 2022, around 36 volunteers participated in an awareness session on 'Human Trafficking' organised





by Purnata, an NGO working on the issue of human trafficking in West Bengal. The students assembled in front of Victoria Memorial and joined the rally that ended at Ranuchaya Mancha. The event focussed on the different aspects of human trafficking and how they could raise their voices against this heinous crime.

**iii. Awareness session on Human Trafficking 2**

To commemorate World Day against Trafficking in Persons which was observed on 30th July, an online awareness session titled 'You and Me, Let's Help Set Them Free' was organised on 1st August 2022 that saw around 80 students from across departments. The resource team for this session was from Save the Children NGO.

**iv. Har Ghar Tiranga Campaign – Commemorating 75 years of India's Independence:**

To express patriotism and pride of India, the Har Ghar Tiranga Campaign was conducted in the adopted villages and at a KMC school, the details of which are given below:

- a. On 7th August 2022, around 19 NSS volunteers went to Bakeswar village to celebrate Raksha Bandhan and Independence Day with 30 children of classes 6 to 12.
- b. On 12th August 2022, around 14 volunteers celebrated Raksha Bandhan, International Youth Day and Independence Day with around 40 pre-primary and primary children of Bal Shiksha Sadan, a Kolkata Municipal Corporation school under ward 63.
- c. On 14th August 2022, around 20 volunteers celebrated Independence Day with 70 children from Nurshikdarchowk village.

**v. NSS student president bags prize for poster competition**

On 12th August, the West Bengal State AIDS Prevention & Control Society, Department of Health & Family Welfare (Government of West Bengal) conducted a poster competition on HIV and Youth to commemorate International Youth Day. Atrayee Set, NSS student president (of Sociology Department), bagged the second position for this poster competition. She received a certificate and cash prize of Rs. 2000/- from WBSAP & CS.

**vi. International Literacy Day**

On 8th September 2022, around 34 NSS volunteers observed International Literacy Day in 2 KMC schools under Ward 63, namely Bal Shiksha Sadan and Sri Gandhi Vidya Mandir, reaching out to about 70 primary school children. The volunteers distributed stationaries and chocolates to the children. With charts and posters prepared by the volunteers, they explained the need and importance of continuing school education.

**vii. Green Clean Campaign with special focus on 'Ill-effects of plastics'**

On 14th, 21st and 28th September 2022, Green Clean Campaign, with special focus on the 'Ill effects of plastics' was organised in which 130 NSS volunteers participated. They prepared posters on the topic and in small groups rallied around Park Street and Theatre road and created awareness amongst shopkeepers, consumers and commuters.

**viii. Adda session on 'Relationship comes with responsibility'**

On 19th and 22nd September 2022, Adda sessions on 'Relationship comes with Responsibility' were organised for the College students. A total of 56 students participated in these sessions. The students were divided in two groups and after a brief discussion, the group leaders presented the summary. The young students had a lot of questions and wanted more detailed discussion on such topics which they could connect with.

**ix. NSS Day celebration with residents of Calcutta Muslim Orphanage for Girls**

On 24th September 2022, 18 NSS volunteers (only girls) celebrated NSS Day with 171 girls of Calcutta Muslim Orphanage for Girls. The volunteers took a session on menstrual hygiene for the students of classes V to XII and entertained the children with songs and dance performances. This interaction was mutually beneficial and led the students to understand the struggles of young girls living without their family members. The CMO administration was extremely cordial and requested the College students to visit the orphanage more often.



**x. Clean India Campaign**

On 19th and 20th October 2022, Calcutta University organised a cleanliness drive near Kalighat metro station and Babughat, wherein around 60 NSS volunteers from St. Xavier's College participated. The students got a good exposure and joined hands with students from other colleges to clean and to create awareness among the public.

**xi. National Unity Day**

On 31st October around 60 NSS volunteers organised a walk from Short Street to Park Street spreading the message of Unity. They made attractive posters and banners which they carried during the walk.

**x. Dengue awareness rally**

On 11th November 2022, Calcutta University organised Dengue Awareness rally from Deshbandhu College to Basanti Devi College. Around 20 volunteers from St. Xavier's College prepared relevant posters and participated in the rally.

**xi. Children's Day**

On 14th November, around 30 volunteers celebrated Children's Day at two KMC schools under Ward 63 (Bal Shiksha Sadan and Sri Gandhi Vidya Mandir) with around 62 children. The volunteers entertained the children with songs and games and distributed light refreshments. The heads and teachers of both schools expressed the need for more such interactions and requested the students to carry on with the good work.

**xii. World AIDS Day**

On 1st December 2022, the NSS Unit I and II in collaboration with the West Bengal State AIDS Prevention & Control Society (WBSAPCS) and SAATHI, an NGO, organized an awareness session for the College students in the Raghobpur campus. Around 80 students participated in this programme. This session mainly focused on – (i) modes of HIV/AIDS transmission; (ii) stigma and discrimination associated with HIV and (iii) role of youth in combating HIV and the stigma around it and (iv) importance of blood donation camps.

**xiii. Rural Outreach Programme of National Space Science Symposium**

St. Xavier's College (Autonomous), Kolkata was the outreach partner of the National Space Science Symposium (NSSS). In an effort to take science to rural students and to develop a keen interest in astronomy, a seminar was organised for rural school students in the Raghobpur campus on 5th December 2022. About 65 high school students from Jhahhira High School and St. Paul's High School along with two teachers per school, participated in this interactive session. Dr. Tritha Pratim Das, Director, Science Programme Office, ISRO, Bangalore was the resource speaker for this event. Around 11 students from Physics department volunteered for this event.

**xiv. Let's Care and Share: Celebrating the joy of Christmas**

On 18th December 2022, the NSS Units I and II in collaboration with the Alumni Association reached out to around 470 children of Bakeswar, Debipur, Magurkhali, Nurshikdarchowk, Raghobpur and Shalpurkur villages with the joy of Christmas. Around 60 NSS volunteers were part of this programme.

**xv. National Youth Day**

The NSS Unit I observed National Youth Day on 10th and 11th January 2023. On 10th January around 30 NSS Unit I volunteers observed the 161st birth anniversary of Swami Vivekananda with 70 children of Bal Shiksha Sadan and Sri Gandhi Vidya Mandir (KMC schools under Ward 63). On 11th January, around 70 NSS Unit I volunteers attended the adda session on 'My dream for India's future'.

**xvi. National Girl Child Day**

The NSS department organised an exposure visit to All Bengal Women's Union (ABWU) on 25th January 2023. About 50 NSS volunteers interacted with around 40 middle and high school students. The volunteers conducted an awareness session for the schoolgirls on the importance of girl child.

**xvii. Awareness session through Art and craft workshop at two KMC schools**

The NSS in collaboration with the Department of Multimedia and Animation organised a series of awareness sessions (from January to April 2023)





through art and craft workshops for two Kolkata Municipal Corporation (KMC) schools (Bal Shiksha Sadan and Sri Gandhi Vidya Mandir) under Ward 63. A total of 75 volunteers and 60 children participated in the workshops.

**xviii. Awareness session on Health and Hygiene**

On 5th February, 2023 An awareness session on health and hygiene was conducted by 18 NSS volunteers in Shalpokur village. Around 75 children attended the session which focussed on menstrual hygiene for girls above 12 years of age; on drug, phone and substance abuse for boys above 12 years of age, and personal hygiene session for children below the age of 12 years.

**xix. Awareness session on Menstrual Hygiene**

On 10th February 2023, 26 NSS volunteers held an awareness session on menstrual hygiene for about 30 students of All Bengal Women's Union. The volunteers with the help of charts explained about the menstrual cycle, hygiene practices related to it and overall food habits for healthy living.

**xx. Shishu Mela**

On the 19th February 2023, 250 college students from 18 UG departments participated in Shishu Mela. Around 600 children (369 girls and 233 boys) from 13 NGOs and 2 villages participated in the event. The Mela, was declared open by the Rector, Rev. Fr. Jeyaraj Veluswamy, SJ as the Chief Guest. Dr. Debarati Das, the NSS Programme Coordinator of Calcutta University graced the occasion as the Guest of Honour. The programme began with inauguration, release of "Kadam" the annual report of NSS, cultural programme, followed by stall games, art corner, tumble tossers, live performances by children and other fun activities.

**xxi. International Women's Day**

On 4th March 2023, an awareness session was organized on Human Trafficking for the rural women of Shalpokur village. The objective was to create awareness among the women about human trafficking and how they as women have a role to play to stop this social evil. Around 75 women (including 10 women from Debipur village) and 30 NSS volunteers participated in this session.

**xxii. Science awareness programme at Calcutta Muslim Orphanage**

On 25th March, 2023, around 29 NSS volunteers, mainly comprising of students from the Xavier's Astronomical Society(XAS), organised an awareness session on 'science as a discipline' among girls of classes 9 and 10 of Calcutta Muslim Orphanage for Girls to create awareness.

**xxiii. St. Xavier's College reaching out to support vocational training for underprivileged girls and women**

On 10th May 2023, 4 sewing machines were donated by St. Xavier's College Calcutta Alumni Association (SXCCAA) to Calcutta Muslim Orphanage for Girls so that they could initiate vocational training centre for the marginalized girls and women. Mr. Ansari, the Honorary Secretary of CMO, expressed his gratitude to the College for not only the sewing machines but also for the commitment of the NSS volunteers.

**xxiv. Observing World Environment Day**

The College organized an awareness programme on the occasion of World environment Day on 5th June 2023. The programme was organized by the department of Environment, Chemistry and Microbiology in collaboration with the NSS. The day began with a poster competition, the theme being 'Mission Life – Lifestyle for Environment' in which 37 volunteers participated. Through the posters, the volunteers depicted how they planned to take small steps to bring about changes in their lifestyle which will benefit the environment.

**xxv. Prayas.....the community outreach continues at St. Xavier's**

The Prayas camp, began on 19th June 2023 with the theme, "Where the mind is without fear and the head is held high..." The camp was declared open by College Principal, Rev. Dr. Dominic Savio, SJ., along with the Vice Principals and other faculty members. About 35 students (classes 9 to 12) from the Calcutta Muslim Orphanage for Girls (CMO), participated in this three-day camp which concluded on the 21st of June. Around 25 NSS volunteers of various departments had put together sessions on career counselling, mental wellness, various government schemes and scholarships etc. available for students.



## ACTIVITIES UNDERTAKEN UNDER UNNAT BHARAT ABHIYAN (UBA)

The College was selected as a Participating Institute (PI) under UBA in October 2018. Since then the College has been extensively working in the five adopted villages of Bakeswar, Debipur, Magurkhali, Raghampur and Shalpokur around its rural campus. During the reporting period, the department was able to reach out to both, children and SHG women, and engage in meaningful activities. They are as follows:

### i. Training on Pisciculture

An orientation on pisciculture was held in the month of August 2021 for SHG groups of UBA adopted villages. As a follow up of the orientation, the college initiated a course on pisciculture under Pradhan Mantri Kaushal Vikas Yojana (PMKVY). Around 70 trainees from 20 villages, including the UBA adopted villages, were enrolled for this course, which commenced in the month of April 2022 and ended in July 2022. The trainees also got an opportunity to visit Sasya Shyamala Krishi Vigyan Kendra, Ramakrishna Mission Vivekananda University, Sonarpur for an exposure visit.

### ii. Har Ghar Tiranga Campaign – Commemorating 75 years of India's Independence

A capacity building session was organised for the women of the adopted villages, the theme being 'The importance of financial independence for rural women'.

The objective was to help women become economically independent and have control over their earnings. On 13th August 2022, around 50 women from 4 adopted villages (Bakeswar, Debipur, Nurshikdarchowk and Shalpokur) attended this session along with 10 student volunteers. The resource person was Dr. Sanjib Kumar Basu – Associate Professor and Dean of M. Com at St. Xavier's College (Autonomous), Kolkata.

### iii. Awareness-cum-career counselling session for high school students of Shalpokur village

On 23rd October 2022, an awareness-cum-career counselling session was held for 40 high school students of Shalpokur village. A total of 15 volunteers participated in this event. The programme was divided into two parts – (i) awareness session on child rights and child protection conducted by Save the Children (ii) alternative career options conducted by the volunteers.

## Conclusion

The NSS volunteers got ample opportunities to reach out to the marginalised sections of the society. The children (both rural and urban) were happy to finally be able to interact with their dadas and didis from St. Xavier's College. The students motivated and encouraged the children to continue their education and created awareness on various social issues. The volunteers, in turn were able to add to their learning experiences.















# The English Academy

## Literaria 2023

As the autumn leaves painted the campus in hues of gold, Literaria'23 unfolded its enchanting tale on October 9, 2023. Hosted by The English Academy of St. Xavier's College (Autonomous), Kolkata, the event marked its 29th year with a flourish of creativity and intellectual fervour. Dr. Chandrani Biswas, the dynamic Deputy President of the English Academy led the literary odyssey, infusing the air with an energy that resonated with the diverse minds gathered.

The programme began with the inspiring speech of Fr. Rector, Rev. Jeyaraj Veluswamy, SJ., Father Principal, Rev. Fr. Dr. Dominic Savio SJ's inaugural speech focused attention on the panoramic nature of creative events in the programme and its relevance. The welcome speech delivered by Dr. Chandrani Biswas was not just a prelude but a poetic journey into the heart of Literaria, igniting the flames of curiosity and creativity among the audience.

Literaria, an avant-garde platform for progressive ideas, defied literary norms and carved its niche as a celebration of diverse creative forms. The event transcended the ordinary, weaving a tapestry of Slam Poetry (Song of the Shrike), Character Representation (The Masquerade of Dionysia), Creative Writing (Alchemy in Ink), Blackout Poetry (Eclipse), Debate (Mind Maven Melee), Quiz (Quizzopolis: The Seasonal Odyssey), Doodling (Contoured Canvas), Photography (Through the Looking Glass), and Meme-Making (The Jester's Jest). It wasn't merely an event, it was a convergence of intellectual exploration and artistic expression.

Inspired by Vivaldi's masterpiece, "The Four Seasons," Literaria'23 embraced the theme of capturing seasonal beauty in literature. The essence lay in harmonizing with the rhythm of nature, much like the seamless transitions between the seasons. It set the stage for a celebration that went beyond the ordinary, promising a symphony of words and colours. The theme transformed Literaria into a living, breathing entity, inviting participants to explore the beauty and diversity of human expression.

Behind the scenes, the unsung heroes of Literaria were the dedicated members of the Organizing Committee - Eshna Bhattacharya (Secretary), Dilnasheen Zarreen (Assistant Secretary), Core Committee Members - Anindya Sundar

Mirza, Archita Chowdhury, Hannah Maria Eldose, Naiwrit Mandal, Koyel Manna, Sumaika Zohair, Isaac Das and Joel Guha. Handpicked for their passion and organizational acumen, they worked tirelessly to bring the event to life and, transform Literaria'23 from a concept into a grand reality. From planning to execution, their efforts were the threads that seamlessly wove Literaria into the magnificent flower it blossomed into.

Literaria'23 saw a revival of tradition as students from various colleges joined the celebration. The inter-college collaboration added a rich layer of diversity, making Literaria a melting pot of perspectives and literary prowess. A testament to Literaria's growing influence and reputation, Dr. Chandrani Biswas's vision extended beyond the walls of St. Xavier's College (Autonomous), Kolkata reaching out to other institutions and fostering a sense of unity in literary exploration.

Literaria'23 wasn't just about intellectual pursuits; it was a celebration of the arts in all their forms. The air resonated with the melodies of bands like "The Hollows" and "Rocksy," creating a serene ambiance that complemented Literaria's theme. Dance performances, with precise footwork and expressive storytelling, added a visual symphony to the literary celebration.

The arts took the spotlight, highlighting the importance of a holistic celebration of creativity. The performances weren't just spectacles; they were expressions of the human spirit, echoing the essence of Literaria. It was a celebration where every stroke of the pen and every beat of the drum contributed to the grand narrative curated by the Deputy President.

A highlight of Literaria'23 was the esteemed guest of honour, Shri Shirshendu Mukhopadhyay, a distinguished Bengali writer. His literary odyssey, spanning genres and marked by a passion for children's literature, added a touch of magic to the event. In conversation with Deputy President Dr. Chandrani Biswas, Shri Mukhopadhyay shared wisdom and insights, enriching the literary minds in attendance. Their conversation wasn't just a dialogue, it was a meeting of minds, a sharing of literary journeys. Dr. Chandrani Biswas's adept handling of the authorial session ensured that the literary maestro's words resonated with every eager ear in the audience. As the



event drew to a close, the stage was set for the prize distribution ceremony—an acknowledgment of the literary efforts of participants. Winners were celebrated, and Literaria'23, with its symphony of words and colours, left attendees with hearts full of new ideas and a renewed passion for literary ventures.



## The Hindi Literary Society

"Language is our strength."

Indeed, language forms an indispensable part of our life.

The Hindi Literary Society of St. Xavier's College (Autonomous), Kolkata bears its flag with pride as one of the oldest societies of the College. The society was formed with an aim to foster interest, popularise and promote the Hindi language among the students of the College. Over the years, the members of HLS have successfully continued the legacy

through their endeavours and bringing together people who share the same passion and love for the language.

In 2023, the Hindi Literary Society reignited with new definitions after the pandemic had taken away opportunities for offline events. In January, HLS successfully hosted "Aamna Samna", the debate competition in the College premises. The event saw huge participation from students of all departments of the College. The competition met the interests of many, owing to its very interesting and debatable



topic : "Is it right for Indians to work in multinational companies of other countries after pursuing their education in India?" The talented participants who showed their debating skills with finesse were applauded for their strong points, firm stances and eloquent speeches. The Oxford style debate was an enlightening session of deliberation.

Vividhaa, the annual flagship event was all about honouring the Hindi language, but with a tinge of creativity and joy. Under Vividhaa, four amazing events were organised which gave flight to wings of creativity in its own way. First, Qala, the

creative writing and doodling competition which saw enthusiastic participants express themselves through their words and art. Second, Lok Sabha, the youth parliament session that included heated discussions and opinionated stances from participants. Third, Karwaan, the Antakshari that made everyone sing along to popular tunes and added hues of nostalgia. Fourth and the most talked about event of Vividhaa, the Bollywood themed quiz Pravaah. Pravaah was a treat for Bollywood fans and witnessed very eager participation from students.



## The Science Association

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 sharpen their skills. Established with an aim to foster interest in science, it sparks 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, 2022-23.

### EVENTS

St. Xavier's College Science Association (SXCSA) had orchestrated a captivating scientific fiction quiz entitled 'SciQueue', providing participants with an engaging platform to test their knowledge of speculative science and explore the



realms of imagination in a collaborative and intriguing manner. The association has also actively 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 "Connecting Visions" on the 13th and 14th of February, 2023. 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 investment in science. So, the association serves as a platform for the 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 to mention that we will be more than happy to have you by our side in our future journey.



**SIGMA 2023**



**Event "Streak your mark"**



**SXC Science Association Core Committee 2022-2023**



**Dr. Arup Kumar Mitra  
Deputy President, SXCSA**



# SXCNC

*"Why live an ordinary life when you can live an extraordinary one?"*

The National Cadet Corps (NCC) in India is a premier youth organization aimed at grooming the country's youth into disciplined, responsible citizens and potential leaders. Tracing its origins during the British regime in the pre-independence period, the NCC was formerly known as the University Cadet Corps. Since 1948, it has operated under the Ministry of Defense and is a voluntary organization for students in schools and colleges across the country, becoming the largest youth organization in the world.

NCC cadets undergo military-style training, including drill, shooting, and leadership development that sets them apart. With the motto "Unity and Discipline", the organization inculcates patriotism, fostering a sense of national pride among the youth of India. NCC participation also provides extensive career opportunities in the armed forces and fields related to government services. Established in 1949, the sixth company of the 20 Bengal Battalion NCC is St. Xavier's College NCC. The organization has about 160 cadets from various departments, comprising both boys and girls. Under the direction of Major Dr. Atish Prasad Mondal, the College's Associate NCC Officer (ANO), regular parade sessions are held on the college grounds.

## Independence Day 2022

A brilliant exhibition of sheer will and hard work! We kept our patience while persistently practicing numerous times for the sole goal of displaying an extraordinary show. The Independence Day Guard of Honor is an event that all cadets look forward to, as, on this day, we get the honor to salute the National Flag with our heads held high. This year, we were privileged to have Commodore Sameer Choudhary, Group Commander, Kol-'C' Group of the NCC, as our chief guest for the occasion. It was the Guard Commander's proud opportunity to live the legacy of our former seniors and lead an outstanding contingent of his own.

The sense of victory that followed the event was indescribable and equally valuable. Without the emcees, who with their eloquence maintained the mood of the event upbeat, and the supportive crowd, including the dignitaries, who stood by our side despite the rain, the celebration would





not have been complete. The working committee and volunteers deserve special recognition since, without them, the event would not have been a success.

## Kahani

"Every person has a story, a tale waiting to be told."

A serving officer of the Indian Coast Guard under the Ministry of Defense, Deputy Inspector General Davis John Manoj, paid us a visit on November 13, 2022. The occasion began with a quick introduction and congratulations from our ANO Sir to the DIG. Then he spoke, informing the cadets about the Coast Guard and outlining how to enlist in it. The NCC song and a vote of thanks marked the event's conclusion, which was presided over by our ANO, Major Dr. Atish Prasad Mondal. The DIG gave SUO Bridgit Muskaan Gomes, our college senior, a medallion as a special token of appreciation prior to the escort.



The purpose of the event was to encourage young people to join the defense services. In the field, the officers crafted an unforgettable experience. Their genuine stories and impeccable storytelling provided a glimpse into their lives, creating a beautiful and lasting memory for the SXCNC cadets and this unique encounter left an indelible mark on the cadets' minds.

## Khel-VI 2023

KHEL, the flagship event organized by the SXCNC, was conceived, and initiated by Sarang Juthani, a dedicated cadet of the SXCNC, in 2014. This annual sports extravaganza aims to promote unity, discipline, and a competitive spirit among young cadets, demonstrating a commitment to developing



their talents. Over the years, it has become a cherished tradition at SXCNC, specifically under the 20 Bengal Battalion's leadership, inspiring young cadets to excel in both sports and leadership.

KHEL VI took place on April 9, 2023 (prelims) and April 15, 2023 (finals), bringing together numerous colleges and battalions and leaving a lasting impression on all participants. The atmosphere surrounding KHEL VI was truly enchanting. As the event kicked off on April 9th during the prelims, excitement filled the air, and the energy was infectious. The teams arrived, each proudly representing their institutions with distinct colors and insignia, contributing to a magnificent tapestry of unity. Over 18 colleges, 11 battalions, 2 Naval



units, and 2 Air Force squadrons participated in more than 10 different sports, including Kho-Kho, badminton, football, volleyball, throwball, long jump, shot put, tug of war, and many more. Track events like Relay, 100M, 200M, 1500M Run, and Ragda Race were also part of the competition.

The KHEL VI finals showcased remarkable talent and sportsmanship. SXCNC demonstrated exceptional



teamwork and athleticism at KHEL VI, securing a well-deserved 1st place victory in both the tug of war and throwball competitions. In a closely contested competition, 1 Bengal Battalion NCC emerged as the champions, displaying exceptional skills and teamwork. The runners-up were SK College and 33 Bengal Battalion NCC, who put up a commendable fight throughout the event. Distinguished chief guests, including CO Colonel Rahul Dubey, AO Lieutenant Colonel S. Mukhopadhyay, and AO Lieutenant Colonel Tom Job Thekkapath, graced the occasion, adding prestige to the event. This event illuminated the spirit of SXCNC, reminding us of the power of



vessel, the Indian Coast Guard Ship Vijaya, which was docked at the Kolkata Port Trust. The purpose of this invitation was to motivate the cadets to consider careers as officers in the ICG and to provide us with a comprehensive understanding of the ICG.

During our visit to the ICGS Vijaya, cadets had the privilege of meeting with naval officers who shared their experiences and insights. They were shown a video presentation that showcased the operations of the Coast Guard and provided information on how to pursue a career in the ICG. The voyage aboard the Indian Coast Guard Ship Vijaya was an enriching and enlightening experience that added a unique dimension to the holistic development of SXCNC cadets.



sportsmanship and unity in achieving greatness both individually and collectively.

## EDUCATIONAL VISITS

### ICG Ship Visit on January 25, 2023

An astounding chapter unfolded when on the 25th of January, the Indian Coast Guard (ICG) extended an invitation to the SXCNC cadets to visit the ICG's



## Sunday Parades

The term "drill" refers to learning military drills that include marching, saluting, and turning. We concentrate mostly on perfecting the drill during Sunday parades. These exercises are a pleasant approach for young cadets to develop virtues like self-control, self-assurance, and intelligence. Commands like Savdhan (Pay Attention), Vishram (At Ease), Daye Mud (Turn Right), Baye Mud (Turn Left), and Tez Chal (Speed



March), among others are taught by seniors. Cadets are instructed in proper order compliance to facilitate disciplinary action and improve their physical fitness.

For the B and C certificate exams, theoretical topics of the NCC and the Indian Armed Forces are also taught to the cadets. The continual ragda makes learning enjoyable while also teaching us discipline. Refreshments are served to the cadets after the strenuous parade. The NCC parade exposes the cadets to military life and fosters in them a sense of adventure, sportsmanship, and the principle of selfless service that will help them grow into responsible citizens.

## General Service and Duty

The NCC cadets of St. Xavier's College, Kolkata, also assist with the security upkeep and orderly operation at several inter-college and intra-college events every year, such as Convocation, Inauguration, Annual sports, etc. The chance to cooperate with the Kolkata Police and other security-based



organizations is also present in the form of traffic duty, crowd maintenance during Durga Puja, awareness campaigns like drug awareness, etc., where the cadet is given the chance to assist the government.

## Achievements of SXCNCC Cadets

In the academic year 2022-2023, the following feats stand as a testament to our continued dedication, hard work, and commitment towards NCC.

- Major Dr. Atish Prasad Mondal, Associate NCC Officer, St. Xavier's College (Autonomous) Kolkata, 6 Company, 20 Bengal Battalion, NCC Kol-C, was awarded the DG NCC Medallion by Lieutenant General Gurbirpal Singh, Director General of NCC, on November 17th, 2022, for his



commendable contribution in the NCC and ensuring the active participation and training of all cadets under him in various NCC events, camps, and parades.

- SGT Nalanda Basu took part in the EBSB-SNIC Camp held in Delhi from August 1st to August 17th, 2022.
- SUO Armaan Chowdhury and SUO Mohammad Tauqeer Siddiqui represented the KOL-C group in the prestigious IGC-PRE RDC (Inter-Group Competition Pre-Republic Day Camp) amongst the top 330 cadets in West Bengal and Sikkim Directorate. SUO Armaan Chowdhury stood 3rd in the "Best Cadet" Competition and further moved on to PRE-RDC, while SUO Mohammad Tauqeer Siddiqui took part in the events of "PM Rally", "Flag Area" and "Innovation," securing 2nd runner-up.
- Cadets of SXCNCC participated in the DGNCC Lieutenant General Gurbirpal Singh, AVSM, and VSM Guard of Honor on November 15, 2022, and also at the Tri-Services Guards on November 17, 2022.
- SUO Armaan Chowdhury was a recipient of the prestigious Governor's Medal at the Governor's House, Raj Bhavan, Kolkata





- In the All India NCC Trekking Expedition 2023, four cadets from SXCNC (6 Coy 20 Bengal Battalion), namely SUO Armaan Chowdhury, JUO Manvendra James Singh, CQMS Ashu Kumar Singh, and SGT MadetiDaya Sagar Rao, were selected for this prestigious camp. They got the opportunity to trek the Smrit Valley and Shillong Peak, embracing natural aura.



- SUO Mohammad Tauqueer Siddiqui secured the position of 1st runner-up at the Inter-Battalion G20 Quiz & Debate Competition.
- The Inter-Group Shooting Competition was held at Asansol from April 21st to April 30th. SUO Daya Sagar Rao, SUO Samantha Cooper, and SGT Anwesha Ghosh had participated from 20 Bengal Bn NCC. SUO Madeti Daya Sagar Rao and SUO Samantha Cooper participated in open prone, while SGT Anwesha Ghosh participated in open 3P. They were all among the top 25 in their respective categories.
- JUO Ashu Kumar Singh and SGT Saahil Gupta received the position of 2nd runner-up in the International Year for Millets Quiz organized by 33 Bengal Battalion NCC at the NCC Club House.

- SUO MadetiDaya Sagar Rao had the privilege of being a part of the prestigious Advance Leadership Camp. This provided a unique opportunity for aspiring defense aspirants to gain exposure and firsthand experience in the field. It provided an invaluable insight into the advanced technology and strategic planning employed by our armed forces.



- SUO MadetiDaya Sagar Rao, JUO Garrett Andrew Smith, CSM Karma Samten Lama, SGT Umul Juno Soren, SGT Aryan Aditya, SGT Adonish Das, and CPL Ronald D' Rozario were honored to be part of the quarter guard presented to Major General Vivek Tyagi, ADG of West and Sikkim Directorate, NCC.

- SUO MadetiDaya Sagar Rao, SUO Samantha Cooper, and JUO Garrett Andrew Smith, enthusiastically participated in a blood donation camp, embodying the spirit of service and selflessness.
- SUO Mohammad Tauqueer Siddiqui was one of the four cadets from the West Bengal and Sikkim Directorate to be selected as a part of the inaugural batch of interns to the Honourable Governor of West Bengal, Dr. CV Ananda Bose.

While it has been a challenging year, NCC has done its best with its elements. We look forward to pridefully serving our nation, our unit, and our College. NCC in Xavier's inculcates special values and teachings that can cultivate the youth's virtues including character, camaraderie, discipline, leadership, a secular outlook, an adventurous spirit, and the



principles of selfless service. SXCNC develops a human resource of motivated, organized, and well-trained Xaverians, to offer leadership in all spheres of life, and to always be available to serve the country.



# SPORTS

The Sports Department has been active throughout the year ensuring participation from students across all departments. Formulating and preparing of College teams and running off Inter Department tournaments has kept the students meaningfully and successfully engaged. The students have come together beautifully to conduct a mega event on the College Calendar: Annual Sports. The Sports Department also conducted orientation and induction sessions at the Park Street and Raghobpur Campus.

At the Annual Awards ceremony for the academic year 2022-23 the College appreciated and recognized the achievements of our students. Each year several of our students participate at the Inter College, State, National and International level. They bring back numerous medals and trophies for which we award them annually. The students who work selflessly in the Department too are recognized and certified. The following students were awardees for 2022-23

## Sports Core Committee

### SECRETARIES

Justin Mark Williams, B.A., 3rd year  
Tanesha Ann George, B.Com (Evening), 3rd year  
Diksha Gulgulia, B.Com (Evening), 3rd year  
Ankan Banerjee, B.Com (Morning), Raghobpur, 3rd year

### ASSISTANT SECRETARIES

Ambarish Sharma, B.Sc, 2nd year  
Mayank Jhunjunwala, B.Sc, 2nd year  
William Damien Xavier, B.Com (Morning), 2nd year  
Mousumi Behera, B.Com (Evening), 2nd year

### CORE COMMITTEE

Aishani Das, B.Sc, 3rd year  
Mitali Dey, M.A, 2nd year  
Anuj Gupta, MMFI, 2nd year  
Annesha Chatterjee, B.Sc, 2nd year  
Akansha Chakroborty, B.Sc, 3rd year  
Simran Sharma, M.A, 2nd year  
Sreyan Dutta, B.Sc, 2nd year  
Mohit Gupta, B.Sc, 2nd year  
Shrivar Todi, B.Com (Morning), 2nd year  
Basudev Singh, BMS, 2nd year  
Kirsten Jason Samuels, M.Com, 2nd year

## Sportsperson of the Year 2022-23

This year Sports person of the Year was awarded to Aishani Das of the Department of Economics batch of 2023.

Aishani has been a tough player on the court, efficient off the court and meritorious in the classroom. Along with her consistent Basketball achievements in the last three years Aishani has balanced her studies and sports in a very determined manner and is truly a person in whose footsteps other talented sports persons should follow.

Along with her very challenging course of study Aishani has been regular in Basketball practices and an asset to our Basketball team of the College and Xaverians Club.

### Sporting achievements of Aishani Das

#### 2020-21

- Represented Xaverians Club in the West Bengal Basketball Association Junior States Championship in 2020-21

#### 2021-22

- Represented University of Calcutta
- Represented Xaverians Club in the West Bengal Basketball Association Senior State Basketball Championship, Women's League and Knock Out Tournament.



Department of Sports Core Committee 2022-23



## 2022-23

- Captained not only the College team but also the Calcutta University team.
- She has led the CU team wonderfully and they have emerged Runners Up in the East Zone Inter University tournament.
- Represented Xaverians Club in the West Bengal Basketball Association Senior State Championship and Women's League.
- An all-round sports person Aishani has also participated in many Inter Department tournaments and has also been actively involved in team management serving the College well on and off the field.



**Aishani Das of BSc. Economics Awarded Sports person of the year at Annual Sports Awards 2023**

## Outstanding Contribution of Students 2023

Name	Department	Category
Aishani Das	B.Sc	Basketball
Ankan Banerjee	B.Com (Raghabpur)	Football
Justin Williams	B.A	Basketball
Diksha Gulgulia	B.Com (Evening)	Throwball
Tanesha Ann George	B.Com (Evening)	Throwball
Sashank Jason Roy	B.Sc	Videography
Arbab Khan	B.Com (Morning)	Photography
Adriza Koley	B.Com (Evening)	Calligraphy
Akansha Chakraborty	B.Sc	Basketball
Manish Tirkey	B.A	Hockey
Victor Jojo	B.A	Hockey
Simran Ghosh	M.A	Calligraphy
Sayandip Srimani	B.Sc	Aquatics
Subhangi Roy	M.A	Student Council Coordinator

## BASKETBALL (MEN)

SL NO.	NAME	DEPARTMENT
1	Sourav Thakur	B.Com (M)
2.	Om Jaiswal	B.Com (M)
3.	Manav Agarwal	B.Com (M)
4.	Justin Mark Williams	B.A
5.	Hanu Agarwal	B.Com (M)
6.	Nikunj Bahety	B.Com (M)
7.	Nishit Agarwal	B.Sc
8.	Shantanu Stephen Chetri	B.A
9.	Aryan Ladsaria	B.Com (M)



**Men's Basketball Team won the Basket Ball League - IIT-KGP Shaurya Sports Fest**

## Outgoing Students who represented College

### BASKETBALL (WOMEN)

SL NO.	NAME	DEPARTMENT
1.	Aishani Das	B.Sc
2.	Manshee Mohata	BMS
3.	Akansha Chakraborty	B.Sc

**HOCKEY (MEN)**

SL NO.	NAME	DEPARTMENT
1.	Manish Tirkey	B.Sc
2.	Victor Jojo	B.Sc

**BADMINTON (MEN)**

SL NO.	NAME	DEPARTMENT
1	Dev Kejriwal	B. Com (Morning)
2.	Nikhil Kejriwal	B. Com (Morning)
3.	Neeloy Saha	M.Com

**FOOTBALL (MEN)**

SL NO.	NAME	DEPARTMENT
1.	Anuraj Ghosh	B.Com (M)
2.	Jaden Alex Greenway	B.Sc
3.	Aadrit Das	B Com (M)
4.	Pranay Laxmikant Taunk	BMS
5.	Surya Bhattacharjee	B.Sc
6.	Ankan Banerjee	B.Com (Raghabpur)
7.	LetgouthangKhongsai	B.A
8.	Craig Daniel Vaddi	MMFI
9.	Kushal Thakker	B.Com (M)



**Men's Badminton Team awarded the Runners up  
- IIT-KGP Shaurya Sports Fest**



**Men's Football Team 2023-24**

**Students who represented INDIA for the year 2023**

NAME	DEPARTMENT	SPORT	ACHIEVEMENT
Pratik Gupta	BMS	Rowing	Won Gold in Open Men's Indoor Rowing, Open Men's Single Scull and Open Men's Four in 79th ARAE International Club Championship.
Shweta Brahmachari	B.Ed	Rowing	Won Gold in Open Women's Indoor Rowing and Open Women's Single Scull in 79th ARAE International Club Championship.
Aditi Jaiswal	B.Sc	Archery	Won Silver medal in Team Event at the Singapore 2023 Asia Cup Stage 3.
Soham Bhattacharyya	B.Sc	Chess	Achieved Maiden International Master (IM) Norm in Serbia and Greece Chess tournaments.  Ranked 6th in Thessaloniki and participated in Kavala Open 2023 and achieved Crossed Live Elo Rating 2400.
Adrija Chakraborty	B.Sc	Karate	Won Silver in Kumite and Bronze in Kata at the 7th International Karate Championship 2023





## Students who participated at National level 2023

NAME	DEPARTMENT	SPORT	ACHIEVEMENT
Aditi Jaiswal	B.Sc	Shooting	Secured 3rd Rank in Selection trial and secured 2nd rank in Phase 2 for Junior Archery Team for 2023 Asia Cup World Ranking Tournament — Chinese, Taipei.  Secured Rank – 14 in open selection trial for Asian Games, World Cup – World Championship.  Rank 4 in NTPC National Ranking Archery Tournament (NRAT).
Hindoli Mitra	B.A	Karate	Represented West Bengal and Won the Bronze medal in Women's Kumite event under 68 kg weight category in 31st ALL INDIA KARATE- DO FEDERATION.
Shweta Brahmachari	B.Ed	Rowing	Won Silver medal in women's single scull category in the 40th Senior National Rowing & 24th Open Sprint National (PUNE).  Won Gold medal (2000mt) and Silver Medal (500mt) in women's single scull category too.  Won Bronze in 2km Women Single Scull at the 37th National Games.
Simran Sharma	B.A	Rowing	Won a Bronze medal (500 Mt) in the women's double scull category in All India Inter University Rowing Championship 2023 (Chandigarh)
Pratik Gupta	BMS	Rowing	Won Gold medal in (2000mt) and Bronze medal (500mt) in men's single scull category in All India Inter University Rowing Championship 2023 (Chandigarh)
Ambarish Sharma	B.Sc	Chess	Participated and represented West Bengal in 59th Senior National Chess Championship 2023.
Shiksha Jaiswal	BMS	Badminton	Participated in the Yonex Sunrise & Ananth Bajaj Memorial All India Senior Ranking Badminton Championship.
Soham Bhattacharya	B.Sc	Chess	Ranked 3rd in All India Open Blitz Chess Tournament 2023.
Milind Mondal	B.Com (E)	Cricket	Represented U-19 Bengal in Vinoo Mankad Trophy and Coochbehar Trophy
Swastika Basu	BMS	Basketball	Represented West Bengal in the Junior National Basketball
Shrivar Todi	B.Com (M)	Darts	Represented West Bengal at BRC Summer Darts Championship 2023
Adrija Chakraborty	B.Sc	Karate	Secured Gold (Under 21 years girls kumite) and Gold (18+ years girls Kumite) at 3rd East India Karate Championship 2023  Secured Silver (Under 21 years girls Kumite) at KIO All India Inter-Zonal Karate Championship 2023



## Students who represented Calcutta University 2023

NAME	DEPARTMENT	SPORT	ACHIEVEMENT
Ambarish Sharma	B.Sc	Chess (M)	Champion in East Zone Best Individual player award winner and 4th In All India held in Amet University Chennai (13-16 March 2023) Selected on the Calcutta University Team 2023-24
Pratik Gupta	BMS	Rowing (M)	Gold in 2km, Bronze in 500M in AIU held in Punjab University (1-7 March 2023)
Shweta Brahmachari	B.Ed	Rowing (W)	Gold in 2km, Silver in 500M in AIU held in Punjab University (1-7 March 2023)
Simran Sharma	B.A	Rowing (W)	Bronze in 500M in AIU held in Punjab University (1-7 March 2023)
Aditi Jaiswal	B.Sc	Archery (W)	Secured 2nd in All India University Archery.
Shinjini Sengupta	M.Com	Chess (W)	Runners Up in East Zone held at University of Science and Technology Meghalaya (28-31 January 2023)
Sudipa Halder	B.Sc	Chess (W)	Runners Up in East Zone held at University of Science and Technology, Meghalaya (28-31 January 2023) Selected on the Calcutta University Team 2023-24
Arya Ray	B.Com (Morning)	Badminton (M)	RUNNERS UP in the East Zone.
Sreyan Dutta	B.Sc	Cricket (M)	Participated in East Zone held at KIIT University, Bhubaneswar (19-23 Feb 2023)
Pavit Singh	B.Com(Morning)	Cricket (M)	Participated in East Zone held at KIIT University, Bhubaneswar (19-23 Feb 2023)
Debanjali Majumder	PGDHRM	Rowing (W)	Participated in AIU held in Punjab University (1-7 March 2023)
Sangalp Bose	Diploma	Rowing (M)	Participated in AIU held in Punjab University (1-7 March 2023)
Md Rahamat	B.Sc	Rowing (M)	Participated in AIU held in Punjab University (1-7 March 2023)
Trishul Das	B.Sc	Cricket (M)	Participated in East Zone held at KIIT University, Bhubaneswar (19-23 Feb 2023)
Soham Bhattacharyya	B.Sc	Chess (M)	Selected on the Calcutta University Team 2023-24
Saanvi Khanna	BMS	Chess (W)	Selected on the Calcutta University Team 2023-24





## Students who ranked for District/State Championships for the year 2023

NAME	DEPARTMENT	SPORT	ACHIEVEMENT
Aditi Jaiswal	B.Sc	Archery	Ranking – Gold Individual in 44th State Archery Championship.
Ambarish Sharma	B.Sc	Chess	2nd In West Bengal State Open Chess Championship.
Jaden Greenway	B.Sc	Athletics	Bronze in 1500m.
Kunal	B.Com(Morning)	Athletics	Bronze in 400m
Abhisekh Ratan Kujur	B.Com(Evening)	Athletics	Silver in 100m Silver in 200m and qualified for State Games.
Shiksha Jaiswal	BMS	Shot Put	Bronze.

## Students who played International Tournaments

NAME	DEPARTMENT	SPORT	ACHIEVEMENT
Praneet Bhaskar	BCom (M)	Table Tennis	Participated in the World Table Tennis Youth Contender Amman, Jordan 2023.

## IIT Kharagpur SHAURYA Sports Fest

St. Xavier's College Kolkata, (Autonomous) participated in Shaurya, Sports Fest organized by IIT Kharagpur from 13th - 15th October 2023. The eighty four strong Xaverian student contingent participated in nine different sports events: Basketball (Men & Women), Football, Cricket, Volleyball, Chess, Table Tennis (Men & Women), Badminton (Men & Women), Squash and Athletics team. We bagged Gold in almost all events and mopped up the rest of the events with silver and bronze. Several players received Best Player awards for their brilliant performances. All our teams faced tough competition from over twenty other participating institutes and despite certain difficulties, performed exceptionally well and emerged Champions. Overall, it was a much awaited and incredible experience for our students who experienced playing against teams from all IITs and other premier institutes from across the country.

### 9 out of 12 teams won medals for College

SPORT	ACHIEVEMENT	BEST PLAYER AWARD
FOOTBALL	GOLD	
CRICKET	GOLD	Soumya Basak MCVA- 855
CHESS	GOLD	Ambarish Sharma MCVA-857
BASKETBALL MEN	GOLD	Ankit Pandey BA-345
BASKETBALL WOMEN	GOLD	Pallabi Pal BA- 74
TABLE TENNIS WOMEN	GOLD	
BADMINTON MEN	SILVER	
SQUASH	SILVER	
TABLE TENNIS MEN	BRONZE	
ATHLETICS	4th	



## Inter Departmental Events Conducted

### Main Campus

Event	Category
Football 11 A-side	Men
Football 5 A-side	Men and Women
Table Tennis	Men and Women
Chess	Men and Women
Cricket	Men
Badminton	Men and Women
Aquatics	Men and Women
Volleyball	Men
Throwball	Women
Basketball	Men and Women
Annual Sports	Men and Women
3 A Side Basketball	

### Raghabpur Campus

Event	Category
Football	Men and Women
Table Tennis	Men and Women
Caroms	Men and Women
Chess	Men and Women

## E-Sports

The Department of Sports has taken under its wing a new initiative where the pixels on the screen turn into pixels in our hearts.

Students of the College under the leadership of ardent gamer, Mayank Jhunjunwala B.Sc III envisioned XESS: Xavier's E-Sports Society, they had a clear vision of creating a welcoming and inclusive space where gamers of all backgrounds and skill levels could come together to compete and learn. The formulation of this society was entirely possible due to the interest and guidance of our Principal Rev Fr. Dr. Dominic Savio. 15.09.2023 – marked the day for the launch of the Society and it will surely be etched in the history of St. Xavier's College.

XESS has planned an E-XPO '24 in the month of Jan 2024 as its launch event in which a seminar and E Sports Experience Centre has been planned.

These are the following people who are a part of the first ever E-Sports Committee

Name	Department	
Mayank Jhunjunwala	B.Sc	Founder/Secretary
Subhodeep Bhattacharjee	B.Sc	Finance Head
Rishi Chandak	B.Com (Ev)	Finance Head
Umang Pathak	B.Sc	PR Head
Anushka Agarwal	B.Sc	PR Head
Anuj Gupta	B.Sc	Design Head
Swagato	B.Sc	Design Head
Madhav Agarwal	B.Sc	Events Head
Aliza Ahmad	B.Sc	Events Head
Ushakiran Modi	B.Com (Ev)	Marketing Head
Rachit Yadav	B.Sc	Marketing Head
Rishiraj Roy	B.Sc	Team Management
Harshita Sharma	B.Sc	Team Management
Khushi Agarwal	B.Sc	WCM Head
Ayush Bansal	B.Com	WCM Head

Building further on our strong foundation and giving students more opportunities to play and perform to the best of their abilities is what we shall continue to strive for. Special thanks to our very professional coaches for overcoming the many challenges and keeping our teams intact. Thanks to them our teams perform well at not only the varsity level but also up to national and international level. Our groundsman ensure the preparedness of all our facilities and take care of our teams during their outings for which we are grateful.

Acknowledgement and appreciation to all the staff of the College for their support and encouragement from the Sports Department. Our deepest gratitude to the backbone of all our endeavors, our dear Principal Rev. Fr. Dr. Dominic Savio SJ along with our Vice Principals and Deans who make sure that this magic happens year after year.





**Men's Football team with Football Legend Ronaldinho**



**Pratik Gupta of BMS won Gold Medal in Men's National Rowing Championship 2023**



**SXC Students at IIT-KGP Shaurya Sports Fest**



**Pallabi Pal of BA English awarded Best Athlete Women's at Annual Sports Day 2023. She also received Best Player Basketball Women's - IIT-KGP Shaurya Sports Fest**



**Class on Physical Education for the Students of Oral School for DEAF, conducted by students of Sports Department in Association with NSS**



**Priyanshu Verma of B.Com. awarded Best Athlete Men's at Annual Sports Day 2023**





**Shweta Bhramachary of B.Ed won Gold in Women's Rowing Nationals Championship**



**Annual Sports Day 2023**



**Hindoli Mitra of Bachelor of Arts, English won Bronze in the AIKF Karate Nationals 2023 held at Talkatora Indoor, New Delhi**



**Praneet Bhaskar of B.Com. won Gold Medal - 84th Inter State Youth and Junior National Table Tennis Championship held at Chennai**



**Best Athlete Women's - Annual Sports Day, Raghavpur Campus 2023**



**Men's Cricket Team 2023-24**



**Craig Vaddi and Trishul Das, players of Men's Football Team with Football Legend Ronaldinho**





**Men's Volleyball Team 2023-24**



**Ambarish Sharma of B.Sc. Mass Comm.** came 2nd in West Bengal Senior State Chess Championship and got selected for nationals. He also got awarded Gold Medal as Best Individual Player at All India Universities Chess Championship 2023



**Women's Basketball Team won the Basketball League - IIT-KGP Shaurya Sports Fest**



**St. Xavier's Chess Team in action at IIT-KGP Shaurya Sports Fest**  
They emerged champions in the event scoring 15.5 out of 16



**Ankit Pandey of BAG** was awarded the Best Player - IIT-KGP Shaurya Sports Fest



**Adrija Chakraborty of B.Sc.** won Silver Medal at All India-Zonal U-21 Kumite Women's Karate Championship 2023



**Ujaan Bhattacharya of B.Com. (M)** came fourth in the West Bengal State U-19 Championship and got selected for nationals



# College Students' Council

Within educational institutions, the student body acts as a vital foundation and a dynamic hub for uniting various interests. It provides a stage for students to voice their innovative ideas and acts as a platform to share their recommendations, offering each individual the chance to articulate their larger objectives in addressing challenges and providing assistance to those in need. The Students' Council of St. Xavier's College (Autonomous), Kolkata, embodies these foundational principles—a vibrant assembly of students dedicated to leadership and fostering an inclusive space for all, ensuring no one hesitates to share their valuable feedback.

Xavotsav-2023, themed “Mirroring Mystique,” was a tremendous success. Under the leadership of Secretary Subhangi Roy and Assistant Secretary Xavier Abhishek Rozario, the event saw the amalgamation of creativity and experience to bring about an unprecedented event that captivated everyone's attention, hearts, and memories. The hardworking Organizing Committee members left no stone unturned to ensure a smooth, hassle-free event that spanned over two days. The event showcased the talents of the current students of the College. The hallowed grounds of the College were packed with an audience that applauded each and every event. Xavotsav 2023 succeeded in organizing myriad events representing all aspects of creativity and art. There were events based on wide-ranging genres such as dance, music, business events, quizzes, journalism, fine arts, speaking arts, literary arts, design and digital events, lifestyle, and sports. With over 8,000 registrations, the competition was top-notch, and the acers were crowned as the winners of their respective fields. The panel of judges included eminent personalities like Jeeya Sethi, who marked the stand-up comedy event. While Sourendra and Soumyojit judged the music event, Tota Roy Chowdhury evaluated the Bollywood dance and Debjyoti Mishra assessed the band event.

The Students' Council members worked diligently and dedicatedly to organize and complete such a magnanimous event with a seamless transition. Their sacrifices and backbreaking labour were exemplary and made each member a role model for future students to follow. During the commencement, an air of nostalgia, reminiscences, enthusiasm, merriment, and happiness was felt all over the

campus, with everyone eagerly looking forward to Xavotsav 2024.

The Students' Council, in collaboration with the Department of Sports, successfully organised the much-awaited Xavier's Premier League, XPL 2023. The Chief Guests of XPL 2023 were the father-son duo of World Billiard Championship winners, Mr. Sourav Kothari and Mr. Manoj Kothari, and the talk show moderator was Mr. Jimmy Tangree. Under the wonderful leadership of Secretary Spandan Mazumdar, Assistant Secretary Deepalika Deb, Department of Sports Secretaries, and the XPL Coordinator from the Department of Sports, Mayank Jhunjhunwala, the event had an array of sporting events with two new additions to last year's set. Athletes could participate in the following events: football, volleyball, throwball, table tennis, basketball, E-Sports, chess, and darts. The talented team of Core Committee members, including Srijan Sen, Sidra Choudhry, Shaiq Ahmed, and Dibyanshu Shaw, organized all the events with the utmost care and dedication, prioritizing the comfort and requirements of all the athletes. The sporting event was a war of athleticism between 12 teams of exceptional talent and vigor. This edition of XPL was the biggest ever, spanning over four days. The trajectory of the event included the opening ceremony on the first day, the exhibition matches, and then the two days of games. Although the event had its winners, it displayed the true essence of sportsmanship and camaraderie among all.

The Xaverian Parliament, officially presided over by the Principal of St. Xavier's College (Autonomous), Kolkata, Rev. Dr. Dominic Savio, SJ, along with vice principals and other administrative heads, convenes to facilitate a constructive dialogue between the institution's administration and students. During these sessions, students are encouraged to share their innovative ideas and feedback on various aspects such as academics, placements, societies, and outreach activities. The proceedings also include the acknowledgment and congratulation of class coordinators for successfully completing their tenure. Additionally, class coordinators are applauded for their dedicated fulfilment of their responsibilities, culminating in the distribution of certificates.

Besides focusing on academic and other co-curricular activities and experiences, the Students' Council also pays great attention to social issues, which are of utmost



importance in society. The main aim of the Council is to ensure moral and ethical awareness through actions, beliefs, and perceptions. It stands as a wonderful beacon of inspiration to all students, reminding them of their moral and ethical duties and responsibilities not only towards fellow citizens but also towards society and the ecosystem. The Council is also instrumental in organizing workshops, seminars, discussions, etc., on important issues like 'Traffic Safety', 'Cyber Security', and the like.

The Students' Council for the session 2023-2024, besides these, also managed to organize and be a part of various inter-college events, winning laurels for the college. The dedication, discipline, diligence, and determination of the Students' Council of St. Xavier's College (Autonomous), Kolkata, is reflective of the student populace of the college, echoing the virtuous tenets of excellence, talent, wisdom, patience, and reverence.





# Xaverian Academy of Dance and Music (XADAM)

In the rhythmic corridors of St. Xavier's College, the Xaverian Academy of Dance and Music (XADAM) unfolded a symphony of artistic brilliance throughout the academic year 2022-2023. Under the meticulous guidance of the esteemed Director, Prof. Sujata Pakrashi Lahiri, XADAM not only became a stage for enthralling performances but also evolved into a nurturing ground where students from diverse backgrounds and departments came together to explore the vibrant realms of dance and music.

The echo of creativity resounded across the day, morning, and evening departments as enthusiastic students dedicated

XADAM dance and choir team added a touch of grace to the solemn occasion. Their artistry contributed to the celebration of academic achievements.

## Sports Day 2023

The rhythmic beats and graceful movements of the XADAM dance team left an indelible mark on Sports Day, held on 5th September 2022.



## West Bengal Commission for Women - Bookfair '23

Beyond the campus, XADAM members collaborated with the West Bengal Commission for Women during their book fair. Through various performances, they not only showcased their artistic prowess but also championed social causes.

their time, either before or after classes, to rehearse for various events. This communal spirit of learning and collaboration became a hallmark of XADAM's journey, where beginners transformed into maestros, and seasoned performers refined their craft. The academy became a haven for skill development, fostering a dynamic atmosphere that resonated with the passion and dedication of its members.

## Christmas Concert 2022

On the 21st of December 2022, the XADAM family graced the college community with a splendid showcase of talent in the Christmas Concert. The harmonious blend of choir and dance performances transported the audience into a festive realm, capturing the spirit of the season.

## 16th Convocation and Valedictory

As the curtains fell on the 16th Convocation and Valedictory on 14th January 2023, the ethereal performances by the

## Xavotsav '23 Opening Song

Inaugurating the festivities of Xavotsav 2023, XADAM choir members set the tone with an enchanting performance, marking the commencement of the much-anticipated annual extravaganza.

## Rooftop Concert - Spring Symphony '23

On 25th February 2023, the XADAM family elevated their creativity to new heights with the Rooftop Concert - Spring Symphony. This unique showcase of talent provided a mesmerising experience for the audience, with performances that echoed the vitality of the season of colours.

## Virtual Holi Celebration '23

Despite being virtual, the dance and choir teams of XADAM brought the festival of colors to life on 8th March 2023. Their vibrant performances, accessible through digital platforms,



demonstrated their adaptability and commitment to spreading joy.

### Alumni Foundation Day '23

Paying homage to the roots of SXCAA, XADAM played a pivotal role in the inaugural dance for the Foundation Day on 13th April '23. Their performance not only celebrated the legacy of the institution but also reflected the evolving cultural identity within its hallowed walls.

### Rabindra Jayanti Celebration '23

On 9th May 2023, XADAM celebrated the creations of Tagore virtually, bringing to life the cultural tapestry of Bengal through dance and music, reaching beyond physical boundaries.

### Nazrul Jayanti Celebration '23

Virtually commemorating the birth anniversary of Kazi Nazrul Islam on 24th May 2023, XADAM members paid homage to the poet and lyricist through soul-stirring performances.

### International Day of Yoga '23

Connecting the world of dance and music with the essence of physical and mental well-being, XADAM observed the International Day of Yoga on June 21st. Prof. Sujata Pakrashi Lahiri, along with XADAM members, led a session focusing on holistic health and the importance of balance in life.

### Orientation Of Departments Bachelor of Commerce and Management Studies

Welcoming the new academic year, XADAM choir members added a melodic touch to the orientation of the Bachelor of Commerce and Management Studies, setting the stage for a harmonious beginning.

### Independence Day '23

Collaborating with the NCC, XADAM marked the auspicious occasion of Independence Day on 15th August 2023, paying tribute to the freedom fighters through stirring choir and dance performances.



### Rain & Rhythm '23

The theme of monsoons and rain was brought to life through solo and duet performances by students from various departments during Rain & Rhythm 2023. XADAM's contributions added a cultural nuance to the event, showcasing the diversity of talents within the college.



### Teachers' Day '23

Dedicating a live performance on Indian classical music and dance to the educators, XADAM celebrated Teachers' Day 2023, acknowledging the profound impact of teachers on the journey of knowledge and creativity.



## Global Xaverian Awards

In a distinguished event, XADAM had the honour of performing in front of the esteemed guest, Sourav Ganguly, the cricket sensation and quintessential Bengali icon. His presence added an extra layer of grandeur to the occasion, making it an unforgettable experience for all in attendance.



## GOONJ 23

Culminating the year with grandeur, XADAM presented the annual extravaganza, GOONJ 23. Starting with the opening song based on the theme "Infinity and Beyond," the dance production "Dharitri Samvad" depicted the Earth's connection with the celestial bodies, while the choir production explored the evolution of music through ages. The competitive events, including Nishaad (fusion band), Tarana (eastern classical dance), Dansation (Bollywood and western dance), Dwita (duets), and Just a Minute (solos), showcased the diverse talents nurtured within XADAM.



In conclusion, the Xaverian Academy of Dance and Music has not only entertained but also inspired and enriched the cultural fabric of St. Xavier's College throughout the year. The dedication and talent displayed by XADAM members have undoubtedly left an indelible mark on the College community, creating a legacy that resonates with the rhythmic heartbeat of artistic expression.





# Xaverian Theatrical Society (XTS)

Xaverian Theatrical Society staged multiple events and won accolades in different inter and intra college events in the session 2022-2023. The students of XTS wrote and directed the play 'Prometheus Unbound', a postmodern satirical take on the Greek legend of Prometheus highlighting different political and social issues plaguing our society in the present date. The play was staged as a part of the theatrical event in Xavotsav as well as the inter college stage event Amiphoria organized by Amity University and won the first prize in both these events. The play was praised by Suranga Bandyopadhyay, a prominent Bengali actor who called the play "well written, intelligent, quirky, well directed and performed." The students also organized the play "Lakshman Rekha" a production incorporating the style and treatment of a street play adapted to be performed on the proscenium. The play used the characters from Hindu mythology -- Draupadi, Surpanakha and Chitrangada who stand as symbols of protest against caste and gender hierarchy that have

oppressed people for centuries. The play was first staged as part of 'Verstehen' organized by Xaverian Sociological Society and secured the 2nd best performance for the performing arts event. The students of XTS also performed various street plays highlighting different social and mental health issues. 'Wake up Sid!' a play on the importance of mental health and treatment was performed in Xavotsav for an event in collaboration with NSS to impart education on mental well being and treatment. The play was praised for being positive, light hearted while delivering a powerful message which resonated with all the spectators. XTS also performed in the street play competition of 'Xavrang' organized by SXU where their play focusing on the ills of religious fanaticism earned praise for its composition and content. The year 2022-2023 was a fruitful year for the society where the students got the opportunity to actively engage in creating and performing various formats of plays thus enhancing their knowledge of the craft while freely expressing themselves through theatre.

## The Xavier's Commerce Society (XCS)

The Xavier's Commerce Society (XCS) represents the Department of Commerce at St. Xavier's College, Kolkata, and has been active since 2006. It aims to cultivate the corporate potential of undergraduate commerce students while embracing the motto 'Dreams. Development. Destiny.'

The society is led by President Rev. Dr. Dominic Savio, SJ, along with its foremost advisors, namely, Rev. Dr. Joseph Kulandai, SJ, Rev. Dr. Peter Arockiam, SJ, Dr. Amitava Roy, Dr. Soheli Ghosh, and is overseen by the Professor-in-Charge, Dr. Anulekha Banerjee, and mentored by Dr. Sumona Ghosh. XCS actively interacts with students through various platforms, including its Facebook page with 26,000 followers, Instagram page with 4,200 followers, LinkedIn page with 3,900 followers, and its dedicated website.

Throughout the academic year, XCS organizes a range of events, including seminars, management festivals, social work, and panel discussions. These activities provide students with valuable practical insights into the business world.

### CORPORATE PRODIGY

Corporate Prodigy is an event designed exclusively for high school students. Its primary objective is to provide them with corporate exposure even before they commence college. It was successfully held on 13th and 14th July, 2022.

### INCEPTION

Inception is a management simulation event exclusively designed for first-year students. This event serves as a platform for students to act spontaneously and utilize their problem-solving skills amidst exigent situations. This year Inception was held from 14th to 16th September, 2022.

### INDUCTIONS

Inductions is the recruitment programme for first-year commerce students at St. Xavier's College. Through a structured series of rounds, Inductions identifies those



individuals who showcase the potential to enhance the society. Inductions 2022 was conducted successfully from 1st to 4th November, 2022.

## INNOVISION

Innovision is a week-long series of events that enable the students to explore diverse career opportunities and gain insights into the corporate world. It includes interactive sessions led by experienced industry experts and notable speakers like Mr. Prabhu Chawla and Mr. Viral Acharya. Innovision took place from 15th to 21st November, 2022.

## YOUTHINK

Youthink is the annual journal of the Department of Commerce. It is a peer reviewed journal with its own ISSN ID [2347-6222], which makes it internationally recognized. Youthink Volume XVII: Deliverance was launched on 10th February 2023, and it featured the interviews of various luminaries like Mr. Javed Akhtar, Mr. Vishwanathan Anand and Mr. Ajinkya Rahane.



## INAYAT

Inayat is the annual social drive of the society. This two-day programme was conducted on 21st and 22nd January, 2023,

involving a food distribution drive and an enlivening and interactive NGO visit to the Maya Foundation.



## CASE CONSTRUE

Case Construe is the international-level case study competition encompassing various domains of management like Marketing, Finance, Human Resources, Public Relations, Online Treasure Hunt and Portfolio Management. It acts as a precursor to Insignia. It was conducted from 21st to 26th February, 2023.

## INSIGNIA

Insignia is the flagship event of XCS that attracts participation from national and international colleges. It offers individuals an opportunity to test their corporate skills against individuals from top colleges. It hosted eminent





# The Xavier's Management Society (XMS)

The Xavier's Management Society aspires to form leaders of tomorrow - people with the acumen and skills required to be successful in all walks of life. The motto of our society - "Explore. Meet. Connect." perfectly symbolizes our ever-rising thirst to explore beyond the ordinary, meet with peers and professionals and connect to form everlasting bonds. The society was established in September 2010 with the vision of creating like-minded individuals who could tread the path toward ultimate success. With a myriad of events such as X-Confero, Xavier's Management Convention, and X-Genesis, along with the X-Ecutive, our annual departmental magazine, XMS provides the perfect platform for you to etch an impression. We have around 100 members in our society, with the first years being the team members, the second years being the Working Committee Members and the third years forming the XMS Board.

competence while contending in the province of oratory and management.

This gathering attracted registrations not only from esteemed educational institutions within India but also from across the globe. Spanning three days, starting on February 6th and concluding on February 8th, the competition witnessed the active participation of over 100 enthusiastic individuals in a rigorous test of intellect and eloquence.

Emerging victorious from the demanding trials, Ashoka University proudly claimed the championship trophy.

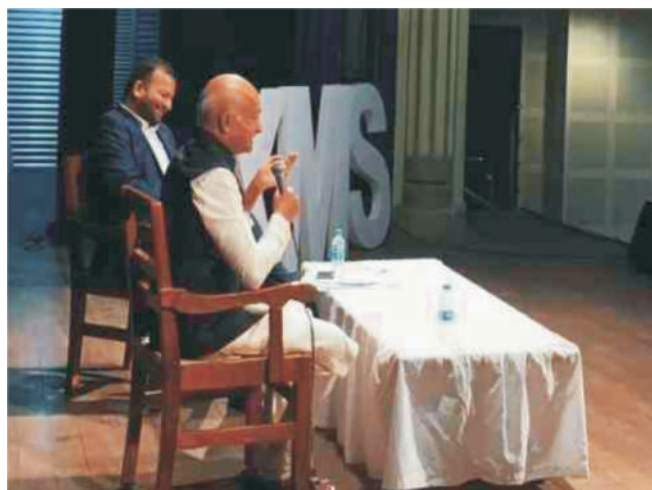
Furthermore, we had the privilege of hosting distinguished speakers on the 20th of February, including Ms. Amruta Joshi (Global Director for Data and AI Solutions, Google Cloud, Mr. Kaushik Mitra (Vice President and CFO at PepsiCo, India) and Mr. Bharat Goenka (Co-founder and MD of Tally Solutions).



## X-Confero'23

X-Confero is a globally renowned debating event, comprising a sequence of dynamic rounds designed to reveal the true potential of participants in the realms of public speaking and leadership. It provides an exceptional platform for college students from all corners of the country to demonstrate their sharp insights, persuasive skills, and managerial expertise—qualities that form the bedrock of effective leadership.

X-Confero'23 was centered on inspiring students to embrace more expansive perspectives and to unleash your



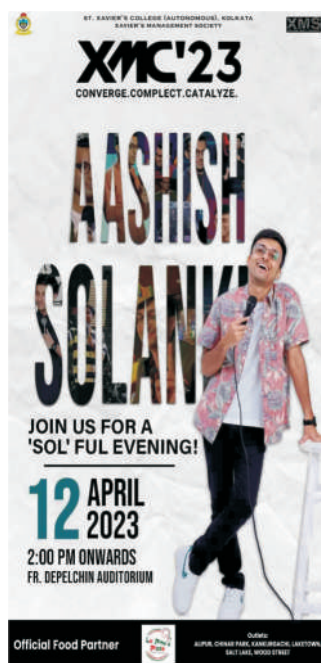


Their thought-provoking discussions left an indelible mark on the minds of emerging leaders, contributing to the event's overall success.

## XMC'23

Following the resounding success of X-Confero'23, we proceeded with our annual management conclave, known as the Xavier's Management Convention, in the month of April. The event exudes a revitalizing atmosphere and offers a global sphere of experience to participants, judges, and attendees worldwide. At XMC'23, we witnessed the power of dedication, perseverance, and optimism through an exciting series of panel discussions, speaker sessions, and demanding competitions.

The prelim rounds of XMC'23 was three days of unrivaled competition starting on March 23rd and culminating on March 25th. The final rounds, held over 2 days on the 11th and 12th of April 2023, was a testament to relentless dedication, unyielding determination, and boundless aspirations. Breaking through the barriers of talent, it



showcased seven captivating events - Best Manager, Finance, Marketing, HR-IR-PR, Strategic Management, Binge-Con, and Sports Management. This edition of XMC attracted students from prestigious colleges, including St. Xavier's University, J.D. Birla Institute, Bhawanipur Education Society, Bethune College, The Presidency University, Gokhale Memorial Girls College, St. Xavier's College, Kolkata, The Heritage College, The Amity University and Shri Shikshayatan College amongst others. It was a demonstration of perpetual hard work and the pursuit of knowledge, marking the journey towards victory.

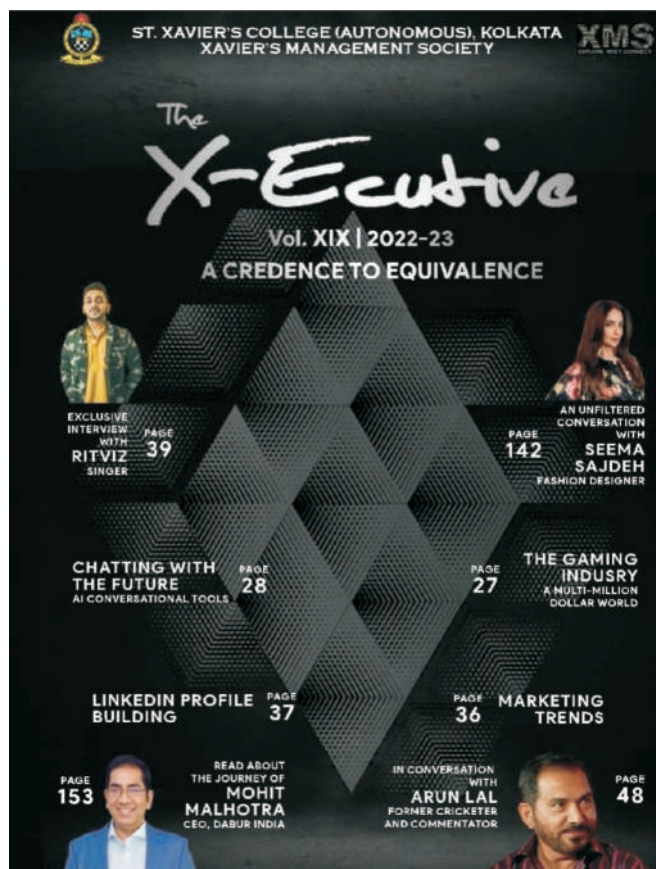
In addition to the numerous competitive rounds, it was a source of great excitement and satisfaction for us to organize a series of enlightening keynote speaker sessions. These sessions featured prominent individuals such as Mr. Ramesh Damani (Insurance Consultant and Advisor), who generously shared his remarkable experiences and insights on the topic, "Success: Think and Grow Rich" and Mr. Aashish Solanki (Stand Up Comedian), whose session was a hilarious journey, full of unexpected twists and turns with the perfect blend of humor, wit and satire.



## The X-Ecutive Vol. XIX

After an electrifying XMC'23, we launched the annual departmental magazine - The X-Ecutive Vol. XIX - A Credence to Equivalence on the 11th of April 2023. The theme for this year's magazine was "Yin and Yang" which showcases that all things exist as inseparable and contradictory opposites, the pair of equal opposites attract and complement each other and that is what makes them fulfilled. Our magazine is an





amalgamation of all the knowledge and insights that our world has to offer. From invigorating articles about the various facets of the business world to insightful and inspiring interviews of successful personalities, it aims at enlightening readers all over the globe about the various facets of life. Our magazine covers a myriad of genres such as business, sports, entertainment, current affairs, and technology.

The X-Executive Vol. XIX - A Credence to Equivalence had articles about the Marketing Trends, Financial Literacy, LinkedIn Profile building and Data Analytics in the E-Commerce world among many other spectrums. We also had interviews with many accomplished personalities across the globe. The main highlight of our magazine every year is our celebrity interviews.

The Editorial Department of our society brings together individuals from several walks of life each year who, through their work and unwavering spirit, have captured the hearts of people all around the world. Through their interview, they share their success story with us and provide us with valuable life lessons that act as stepping stones on our road to success. Over the years we have interviewed celebrities like Mr. Sourav

Ganguly, Dr. A.P.J. Abdul Kalam, Mr. Pranab Mukherjee, Ms. Sakshi Malik, and Mr. Philip Kotler among many other notable names. This year we were privileged enough to interview personalities like Mr. Anil Singhvi (News Anchor and Managing Director of Zee Business), Mr. Arun Lal (Indian Cricketer), Ms. Seema Sajdeh (Indian Actress), and Ritviz (Indian Singer) being some of them.

## X-Genesis'23

X-Genesis, our first calendar event of the academic year, is an event curated exclusively for the first-year students of our institution. It is a pathway for the freshers of our College towards unwavering business acumen and management proficiency. It includes events from various management domains like marketing, finance, and public relations amongst others. The primary objective is to give the first-year students real-world corporate exposure and understanding



so that they can realize their respective goals in a more cognizant way. The theme for X-Genesis'23 was "Mission Impossible". We received a tremendous response from the freshers in the form of more than 600 registrations for our event. Over the three days of exhilarating and mind-bending rounds held from the 21st to the 23rd of August, the participants of X-Genesis were able to showcase their acumen. We had the privilege of having two of esteemed speakers for our keynote sessions- Mr. Richard Lobo and Mr.



Sanjeev Krishan. We had an online session with Mr. Richard Lobo (Executive Vice President at Infosys) who illuminated us with his expertise. We were proud to host Mr. Sanjeev Krishan (Chairperson of PwC in India), at the Fr. Depelchin Auditorium for his speaker session which had over 1500+ attendees. It was an enriching experience for all those who attended the event and helped us bring out the curtains on a highly successful X-Genesis'23.



Recruitments'23 witnessed registrations from 150+ students from our department. The students had to sit for a personal interview where their business acumen, time management skills and cognitive abilities were tested. Through this, students got the opportunity to gain real-life corporate interview experience. The qualifiers of the interviews were inducted into the society and its workings with the promise of continuing to uphold our society's glory with many more successful events to come.

## Recruitments

Recruitments, an invitation to the first-year students of the BMS batch to become a part of the society, is an opportunity for them to hold invigorating events, explore their potential and imbibe enriching experiences of a lifetime by becoming a part of our legacy. Their addition to our society encourages us to move forward into yet another year brimming with new challenges and possibilities that uphold the endless magnificence of our society.

## Project Prayas

The Xavier's Management Society is not only known for the magnitude of events it conducts for students across the world



to put their managerial skills to test but also for its nature of giving back to the society as a part of its social responsibility. Over the years, we have conducted social drives where we continue to help out specially abled and disadvantaged children and the elderly. This year, we inaugurated Project Prayas, aiming to contribute to our community at a much larger scale. The project included an NGO Visit, blanket distribution as well as distribution of sanitary napkins in various parts of the city.

As the arrival of winter brings with it the warmth of lights, we hope to enrich our soul



with unbound joy and the memories we create there will be etched in our heart for years to come. Through our impactful efforts, we hope to bring about change by engaging students in discussions that are both inspiring and thought provoking.

We at the Xavier's Management Society thus provide an invigorating platform for you to unleash your talents, explore your capabilities and assimilate augmenting experiences of a lifetime.



## Xaverian Debating Society (XDS)



Throughout the year, the Xaverian Debating Society (XDS) has demonstrated an unwavering commitment to excellence in parliamentary debates, participating in a plethora of competitions and garnering commendable achievements.

The year started with the Xaviers Debating Festival'23, this time organised in an intra-college APD format. The event



was a huge success with 15 teams participating. The team of Kunal Bhattacharyya and Puruvi Bourai won the event while the team comprising Yash Tulsian Riya Jain and Krishay Choudhury were adjudged runner-ups. Furthermore, Kunal Bhattacharyya emerged as the Open Best Speaker while Riya Jain emerged as the runner-up Best Speaker.

A new core-committee and working committee was created in July to take the society to greater heights. The secretary for

this academic year is Samparna Mittra while the assistant secretary is Ahan Basu.

The XDS Freshers Event was hosted for the first time ever in September. It saw 120+ teams battling it out from the new first years in this war of words. Kiran and Rohin emerged as the Winners, while Kashvi Agarwal and Omkesh Agarwal secured the Runner-up position.

Here are the achievements throughout the year in PDs :-

ILNU	Quarter finals 3rd Best Novice Speaker (Kunal)	Kunal Bhattacharyya and Sarthak Sarkar
Manzar	Quarter finals (Cross Team)	Ishaan Sengupta
NUJS	Novice Champions Open Semifinalists Breaking Adjudicator (Ahan)	Yash Tulsian , Palak Daga, Sahil Ketan Mehta Ishaan Sengupta, Samparna Mittra, Kunal Bhattacharyya
NITDGP	Open Champions 2nd best Open Speaker (Kunal) 3rd Best Adj (Yash)	Sarthak Sarkar Ahan Basu Kunal Bhattacharyya
BITS Pilani PD	Quarterfinals (Cross)	Ishaan Sengupta and Ishan Saikia
LSR PD	Open Champion and 2nd Best Open Speaker	Ishaan Sengupta
LSR PD	Quarterfinals	Yash Tulsian , Sarthak Sarkar Kunal Bhattacharyya
SRCC	Novice Semifinalists	KashviKhaita, Riya Jain Raima Chatterjee Ray
HPD	Open Finalist (Ishan Saikia) Open Semifinalists (Sarthak Samparna and Kunal)	
DTU	Open Quarterfinalist	Ishaan Sengupta
Mukhtalif	Open Champion (Ishaan) Open Octofinalist (Puruvi Bourai)	
RML	Open Quarterfinals	Kunal and Sarthak
IIT Bhubhaneswar	Open Finalists	Kunal and Sarthak
Gambit and IIM Indore	SA and 4th Best Adjudicator	Sarthak Sarkar
Parlance	Novice Champions	Palak Raima and Kaashvi Gupta
BITS Pilani QED	Open Octofinalists	Yash Palak and Sahil
Kurukshetra	CAP	Kunal





Here are the achievements in conventional debating tournaments

Khayalaat	Best Speaker	Ahan Basu
Damayanti Shield	1st Runner Up and Best Speaker	Ahan Basu
Invictus	Best Team and Speaker(Ahan)	Ahan Basu
Literaria	Best Team	Ahan Basu and Ishan Saikia
VoxPop	Finalists Judge (Ahan)	Aditi Agarwal Raima Chatterjee Ray
EcoSpar	3rd Place	Rohin and Kiran

This comprehensive journey through the year's achievements attests to the dedication, skill, and collaborative spirit of XDS members, reinforcing their reputation as a force to

bereckoned with in the parliamentary debate arena as well as the conventional debating arena

## Fine Arts Society

After a two-year hiatus, the Fine Arts Society resurfaced in the 2022-23 session as the College enthusiastically resumed offline activities. The prolonged break meant that there was much groundwork to cover. Following the recruitment phase, the society inaugurated its calendar with the musical extravaganza "Sunset Jam" on November 12, 2022, held at the iconic green benches. This customary opening event garnered eager anticipation from both new and existing members, as well as other students. Notably, the response and attendance after the extended hiatus were nothing short of impressive.

In the subsequent month, excitement built for the College's premier event, "Xavotsav," along with the tradition that accompanies its arrival – the cherished "Bonfire Night." On January 21, 2023, the Xavier's grounds transformed into a hub of celebration, where music, symphony, and life itself were commemorated. The musical segment and the art & photography exhibition from this event left an indelible mark.

Diversifying their offerings, the society hosted an unconventional origami workshop on February 25. This innovative choice stemmed from numerous ideas proposed

for an art workshop. TaisheiKisikawa-San's enthusiastic involvement elevated the event, as participants were guided through intricate folds, capturing their keen interest.

The "Summer Of Soul," a two-day musical extravaganza, unfolded on March 29 and 30, 2023. Comprising three distinctive segments – unconventional orchestra, improv music, and western band – the event showcased a musical tapestry. Esteemed guest judges Amyt Datta and Shayne Hyrapiet further enriched the experience.

Culminating with a flourish, the society hosted its highly anticipated flagship event, the "Carnival Of Rust," concurrently with the "Summer Of Soul." This event epitomizes the essence of "fine arts" in the society's name, providing a platform for artistic talents to shine. This year's carnival surpassed its predecessor, featuring a plethora of independent events: Mosaïque (artwork and photography exhibition), Chromatic Convergence (mixed media art), Visionaire (videography contest), Pixel Perfect (digital poster making), Mela quiz, Expose (photostory), and Saltare (dance event). As expected, the event was an unequivocal success, aligning with its flagship status.



# Xaverian Film Academy (XFA)

The Xaverian Film Academy Core Committee for the academic session 2022–23 consisted of 7 members. Secretary Bandhuli Bhaumik and Assistant Secretary Sidra Erfan from the third-year Mass Communication and Videography Department were in charge of the committee. The four sectors of society were public relations, graphic design, marketing, and content writing. Content writing was headed by Mahasweta Chatterjee, 3rd year English Department; graphic design by Sampurna Saha, 3rd year Mass Communication and Videography Department; marketing by Rounak Chakraborty, 3rd year Mass Communication and Videography Department; and public relations jointly by Tanisha Roy Choudhury, 3rd year Mass Communication and Videography Department, and Shifa Khan, 3rd year Political Science Department. The twelve members of the working group were all second-year students from different departments of the College.

The XFA journey for the year 2022-2023 began with the recruitment conducted in the month of October, followed by three major events, namely "The Cinephile Showdown,"

"Student Seminar and Paper Presentation," and "New Wave to Now: A Special Lecture." All the events took place at R.K. Hall.

"The Cinephile Showdown," held on Monday, March 6, 2023, from 10:00 a.m. to 12:00 p.m., was an interactive and fun film quiz. Next, the "Student Seminar and Paper Presentation," conducted on Friday, March 31st, 2023, from 10:00 a.m. to 2:00 p.m., was an inter-college seminar where students from colleges across the city were welcomed to present their theoretical papers revolving around three major topics from the fields of media and cinema. The last event, "New Wave to Now: A Special Lecture," held on Saturday, April 1, 2023, from 10:00 a.m. to 12:00 p.m., was a special lecture delivered by Mr. Basab Mullik, an eminent cinematographer and research scholar, as a tribute to the famous late filmmaker Jean-Luc Godard.

In addition to the efforts of all the Core Committee and Working Committee members, contributions were also made by fellow volunteer students to make all of it a success.







St. Xavier's College (Autonomous), Kolkata

XAVERIAN FILM ACADEMY  
presents

*New Wave to Now*  
A SPECIAL LECTURE

**"LIVING WITH GODARD"**  
BY MR. BASAB MULLIK  
EMINENT CINEMATOGRAPHER & RESEARCH SCHOLAR

1<sup>ST</sup> APRIL | R.K. HALL | 10:00 A.M. ONWARDS

FOR FURTHER DETAILS:

BANDHULI BHAUMIK  
(+91) 9800262740

SIDRA ERFAN  
(+91) 8585892391



St. Xavier's College (Autonomous), Kolkata

Department of Film Studies  
in collaboration with  
XAVERIAN FILM ACADEMY  
presents an

**INTER-COLLEGE  
STUDENTS' SEMINAR  
and  
PAPER PRESENTATION**

DATE OF PRESENTATION: 31<sup>ST</sup> MARCH 2023  
TIMING: 10 A.M. ONWARDS  
VENUE: R. K. HALL

FOR FURTHER DETAILS CONTACT:  
Bandhuli Bhaumik: +91 98002 62740  
Sidra Erfan: +91 85858 92391





# Xavier's Sociological Society (XSS)

The members of XSS organized a plethora of events spanning the academic year— ranging from research colloquiums to national webinars, an international conference, a journal launch and our annual fest— Versteher '23.

## RESEARCH COLLOQUIUMS

**Performing Silence:** Feminist History and the Field of Performance Studies by Dr. Trina Nileena Banerjee, Assistant Professor at Centre for Studies in Social Sciences, Calcutta. The discussion delved into the politico-social and economic intricacies of theatre in Bengal, and the people associated with it.

**Infectious Social Movements:** Sex Work in the time of Pandemics by Dr. Toorjo Ghosh, Associate Professor at University of Pennsylvania. Dr. Ghosh elucidated on his decade-long collaboration with sex workers and Durbar, positing the fact that the posh areas in cities are contagious to the red-light areas. An interesting observation was perceiving the condom as a work device, transcending stigmatisation. Moreover, sex work, he asserted, contributes extensively to India's informal economy.

**Of Discipline and Interdisciplines:** Situating the Indian University in the shadow of NEP 2020 by Dr. Debaditya Bhattacharya, Assistant Professor at Kazi Nazrul University, West Bengal. Reflecting on the socio-economic conditions of higher education, Dr. Bhattacharya released an opprobrium to the NEP 2020, exposing the great Indian educational marketplace. The NEP 2020 as an 'emergency-antidote' to economic precarity, admitted the informalisation of employment and pronounced a semiotic shift from neo-liberal to liberal policy imagination.

**E-Governing through Speculative Infrastructures:** Health and Well-Being in Datafied States in India by Ms. Sreya Dutta Chowdhury, PhD Fellow at Institute of Anthropology, Universität Leipzig. Her research analysed the health infrastructure of rural India in relation to data collection and distribution through e-governing.

**Economic Exchanges of Middle-Class Siblings in India** by Dr. Nazli Kibria, Professor at Boston University, USA. Dr. Kibria talked about the age-old Indian saying between siblings, "there is no borrowing or lending between us" and its complex multidimensionality.

## INTERNATIONAL CONFERENCE: CASTE IN BENGAL

The eminent panellists of the International Conference: Caste in Bengal were Dr. Sekhar Bandyopadhyay, Dr. Sarbani Bandyopadhyay, Prof. Maroona Murmu, Prof. Manosanta Biswas, Mr. Kumar Rana, Ms. Kalyani Thakur and Mr. Rajat Roy. The full-day event prospered with discussions about how caste still stratifies the state of West Bengal. An attempt was made to rethink caste not as a myth or an invisible phenomenon, but a pressing reality that continues to incite violence, oppression, exploitation and subversion of specific communities.

## JOURNAL LAUNCH AND ANNUAL FEST: VERSTEHER '23

Our annual, inter-college festival Versteher '23 was the concluding event for XSS this year. The inauguration of the two-day event was marked by the launch of our departmental journal, 'Young Sociologist'.

The events of Versteher '23 were built around the theme of 'Education and Inclusivity', including a panel discussion on the same with Mr. Pawan Dhall, Dr. Abdul Matin, and Dr. Sarbani Bandyopadhyay, students' paper presentations, a sociology quiz, essay writing competition and creative performances. The fest was indeed a unique mix of academics and creativity. The students' response to the event was overwhelming, as we had participants from over 20 universities and colleges across India.

The academic year of 2022-23 has been eventful and momentous for XSS. The society has excelled in keeping alive the spirit of sociology and social action.







# Xaverian Astronomical Society (XAS)

*"Equipped with his five senses, man explores the universe around him and calls the adventure Science."* - Edwin Hubble

The Xaverian Astronomical Society (XAS) was inaugurated on the 3rd of September 2019. Astronomy is one of the oldest sciences and it's only befitting that our prestigious college has a society to nurture and forge ahead in this field.

After being dormant for more than a year due to the pandemic, the Society resumed action with the support and blessing of our Father Principal Rev. Dr. Dominic Savio, SJ.



The logo of Xaverian Astronomical Society

The Society is headed by the professors in charge Dr Suparna Roychowdhury, Dr Shibaji Banerjee, and Secretary Shalini Kundu. It comprises students across various departments working in unison for the success of the Society.

XAS is proud to be associated with the Father Eugene Lafont Observatory (FELO), India's largest active observatory on any educational platform with Father Principal being the director, Dr. Shibaji Banerjee being the assistant director, and Mr. Bappaditya Manna, the Technical Officer. At FELO, we operate the 14-inch Celestron reflecting telescope.



Father Eugene Lafont Observatory (FELO)

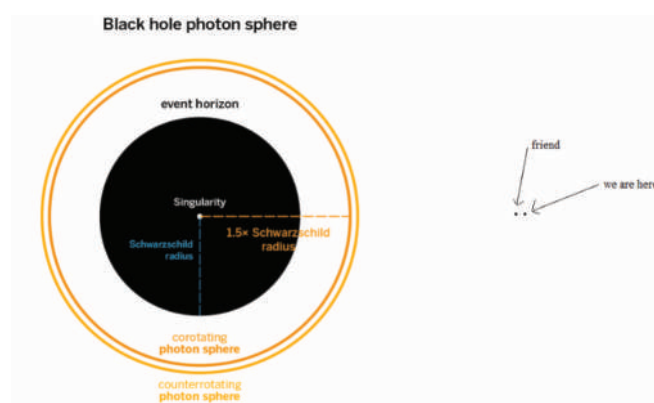
Before the pandemic, the Society's social outreach programmes were in collaboration with NSS, whereby models of the solar system, as well as astrophysics research methodology, were demonstrated to high school students. This also included an exhibition visit to Fr. Eugene Lafont Observatory. During the pandemic, we had an online academic discourse through a seminar cum poster presentation competition titled "A slice of heaven - rising above the pandemic" and a seminar by Dr. Sayan Basu.



The 14" Celestron Reflecting Telescope

The Society's first event post-pandemic was in collaboration with the Department of Physics - 'Observation of Jupiter's closest approach' on the 26th of September 2022. Some of the students from the Department had stayed back after college at FELO for the event but due to unavoidable weather conditions, the event had to be called off.

On 23rd November 2022, the society was formally re-inaugurated for the new academic session with a Seminar on 'Seeing the Universe: Astronomical eyes' by Dr. Ramkrishna Das from SNBNCBS. The session threw light on various topics of Astronomy on a broad scale, hence serving its title.



A clip from the online lecture series



A scientific discussion on Lunar Physics by students of the department was conducted by XAS on National Science Day i.e. 28th February, 2023.

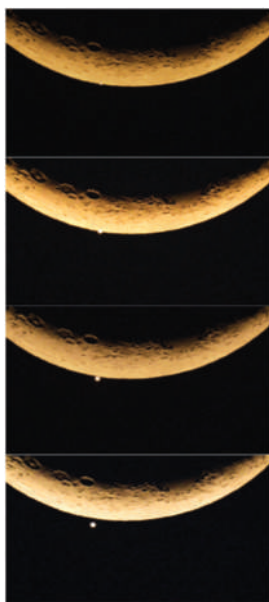
This was followed by an Inter-Departmental Lunar observation session at the Lafont Observatory.



**Inauguration Of Xaverian Astronomical Society**



**Lunar observation and students' talk on National Science Day**



**Lunar Occultation of Venus viewed from the Lafont Observatory**

Following this, the Lunar Occultation of Venus was observed on 24th March, 2023 and a footage of the same was covered by the society.



The Society has actively organised outreach camps for the underprivileged students in collaboration with the NSS (National Service Scheme) unit of the College. The celebration of Women's Day with students of the Calcutta Muslim Orphanage (CMO) for Girls that took place on 25th March 2023, aimed to inculcate love for science and astronomy in the students of the orphanage and encouraging them to pursue the same in their higher studies. The Society also conducted the Prayas Camp with NSS on 21st June 2023, to give an opportunity to the students of CMO to visit the FELO and help them learn to observe the sky with telescopes.



**Women's Day Celebration with Children of CMO for girls**

From 7th-8th July 2023, the Society conducted a two-day extensive summer school on Astronomy, Astrophysics and Cosmology for the 11th and 12th grade students of St. Xavier's Collegiate School, Kolkata. The school consisted of a well-planned series of lectures by the professors of the Department of Physics on the first day followed by a hands-on session by students of the Department of Physics on the second.

On 23rd August 2023, the live viewing of the landing of Chandrayaan-3 on the Moon was arranged by the College in association with Xaverian Astronomical Society, in the College auditorium.

## Equipment update

The following instruments are being used at the observatory-

1. Celestron edge hd 14inch telescope
2. Holmarc4 inch refractor solar telescope
3. Meade ETX 90 observer telescope
4. Meade Coronado Solarmax BF15 70 telescope

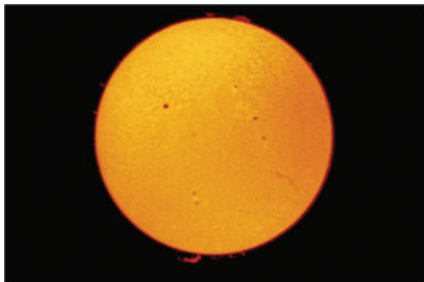


5. 2 Meade 127 Eq Newtonian telescope
6. 2 CCDs (one for stellar, one for solar)
7. Celestron neximage solar system camera
8. Spectrograph



**Meade ETX 90 observer telescope**  
**Meade Coronado Solarmax BF15 70 telescope**

The new solar telescope i.e., Meade Coronado Solarmax BF15 70, allows students to observe solar flares, prominences and Coronal Mass Ejection (CME). Students will be doing further research on Solar flares and prominences using this telescope.



**Solar image with Meade Coronado BF15 70 telescope**

## Ongoing Projects

Xaverian Astronomical Society created research groups this year which worked in the field of Astronomy and Astrophysics. UG and PG Students from the Department of Physics are doing research and Senior students are mentoring Junior students to work on short projects with the aim of making them into full-fledged research projects slowly in future under the supervision of professors. Here is the list of ongoing projects,

1. Spectral analysis of the Sun to determine the temperature and density of the major elements present in the Sun.
2. Observations with Meade Coronado Solarmax BF15 70 telescope for data collection and use.
3. A high frequency radio telescope being constructed by the Radio Astronomy group.
4. Rigorous ongoing studies being carried out on the basics of stellar evolution and coding necessary in stellar astrophysics.
5. Measurement of the rotational period of the Sun by observing and tracking sunspots.
6. Studies bring done on galactic rotation curves and dark matter models.
7. Propagation of GW and analysis of LIGO being carried out using GWpy.
8. UG students learning GTR and Newtonian Cosmology under the Cosmology Group.
9. Sunspot tracking and study on Sunspot growth and decay rates.

Members of XAS have also made a radio telescope which is successfully operating in the FELO.



**XAS is proudly working, targeting a wider audience to attract in the coming days.**





# Hult Prize SXC: Annual Report 2022-23

"Leading a Generation to Change the World!"

Hult Prize, established in 2019 at St. Xavier's College (Autonomous) Kolkata, is a dynamic student society dedicated to nurturing social entrepreneurship and driving impactful change-making initiatives. It's an intrinsic part of the worldwide The Hult Prize Foundation which advocates for young people to deploy social entrepreneurship to solve issues that arise in society. The Chief Patron of the society is beloved Fr. Principal, Rev. Dr. Dominic Savio, SJ, with our Professor-in-Charge being Dr. Tridib Sengupta. With a commitment towards development, the society continues to thrive on its initiatives.

## EXHULT 2022

After an unprecedented covid break, we bounced back with the unique event 'Exhult: Igniting Change.' The two-day event was inaugurated by Rev. Dr. Joseph Kulandai, SJ, Vice Principal, with a lamp lighting ceremony. It featured inspiring speaker sessions and finance management workshops, providing valuable insights. The first day witnessed enthralling speaker sessions by leading women entrepreneurs, namely, Richa Shah (Regional Specialist of our very own Hult Prize), Aishwarya Biswas (Founder of Auli Lifestyle) and Swati Gautam (Founder of Necessity by Swati Gautam). The Second day commenced with business informational workshops by prominent figures, including, Prof. C.D. Mitra (Faculty, IIM Calcutta). Rev. Dr. Dominic Savio, SJ, Principal, concluded the successful event with a vote of thanks and mentioned, "Our universe emerged from singularity and created a bundle of opportunities to explore ranging from ordinary to something extremely extraordinary in this infinite cosmos."

## ONCAMPUS PROGRAM 2023

The 3rd edition of our flagship event was held in February with the theme 'Redesigning Fashion.' Over 40 teams pitched their ingenious startup ideas tackling the social issue before a proficient panel. The event began with the Father Principal launching the theme and lighting the ceremonial lamp who also made an insightful speech. He said, "At St. Xavier's College (Autonomous), Kolkata, students are consistently encouraged to question the status quo and develop innovative models of change. It fills me with profound pride to announce that Hult Prize, St. Xavier's College (Autonomous),

Kolkata in collaboration with the Hult Prize Foundation, has achieved remarkable success in fostering a community dedicated to social entrepreneurship."

Present among the dignitaries was Rev. Dr. Joseph Kulandai, Vice-Principal, B.Com (Morning), Rev. Fr. Peter Arockiam, Vice-Principal, B.Com (Evening), M.Com, BMS, Prof. Bertram Da Silva, Vice-Principal, Arts and Science Dept and Prof. (Dr.) Charlotte Simpson-Veigas was also present. Speaker sessions by owners of sustainable fashion brands like Ms. Sujata Chatterjee, Ms. Sneha Bafna, Mr. Harshul Arora, Ms. Sanah Agarwal, Mrs. Vineeta Ganeriwala Gupta and Mrs. Madhumita Chatterjee were conducted along with Fashion Exhibits and Online Mentoring sessions. The enthralling competition spanned over two days. Winners were announced and felicitated by the Vice-Principal of B. Com (Morning), at the closing ceremony. Our college was also nominated for the OnCampus Awards 2023 which was held in Paris, France.

The Hult Prize Foundation announced the theme for OnCampus 2024- 'Unlimited' under which one can pitch any idea for a social enterprise, as long as it is world-changing and aligned with at least one of the United Nations Sustainable Development Goals (SDGs).

## EXHULT 2023

Exhult 2023: Explore the Extraordinary, hosted by Hult Prize, St. Xavier's College (Autonomous), Kolkata, had a prestigious inauguration by Father Principal Rev. Dr. Dominic Savio, SJ, in August 2023 amidst the presence of other dignitaries as well like Rev. Fr. Peter Arockiam, SJ, VP, B.Com (Evening), Prof. Bertram Da Silva, VP, Dept of Arts and Sciences, and Dr. Swati Sirkar, VP, B.Ed. Father Principal gave an inspiring speech where by Father quoted Buckminster Fuller and said, "You never change things by fighting the existing reality. To change something, build a new model that makes the existing model obsolete." Exhult'23 hosted speakers like Ms. Paulomi Roy, Chief Marketing Officer of Joy Care, workshops by Mr. Suyash Saraf, the esteemed CEO and Co-founder of Dot and Key, and by Mr. Sanjay Kumar Shrivastava, the Chief Financial Officer of Tata Steel Long Products Ltd, Mr. Sunil Chandra Saha, the CEO and Co-founder of Blue Tea, Judges like Mr. Bharat Bhushan, Mr. Rohit Saraf, Mr. Rahul Murarka and Mr. Arjit Paul were also hosted in Exhult'2023.



The first day featured speaker sessions. Three workshops were offered to first-year students, teaching crucial skills. An online quiz followed; the top thirty participants reached the intense semi-finals with three rounds including auctions, case studies, and debates, yielding eight finalists. The final round was a B-Plan Competition, the winners of which were felicitated by the judges.

## EXHULT CHAPTER 2

Embarking on Chapter 2 of Exhult, 'Explore the Extraordinary', Hult Prize marked its footprint in the Raghobpur Campus. The event began with the felicitation of the dignitaries and the Welcome Address by our beloved Father Principal.

A dynamic combination of insightful speaker sessions and enriching workshops alongside demo pitching sessions were conducted with the aim of imparting introspective knowledge to the participants which shall facilitate their excellence in the domain of entrepreneurship. Rev. Fr. Joseph Padiyara concluded the event with his vote of thanks.

## STUDIES ABROAD

### STUDIES IN US

Hult Prize, St. Xavier's College (Autonomous) Kolkata conducted Studies in US session with the esteemed Consul General, Melinda Pavcek from the U.S. Consulate Kolkata along with Mr. Itihaas Singh, Adviser to Education USA, USIEF in April and on 29th September we hosted "Studies In France" in collaboration with Alliance française du Bengale, with the ambition of providing exposure to academic opportunities in France.

These sessions enlightened the attendees from both UG and PG departments about the admission procedures, cross-cultural interaction, levels in language learning and New education policy, 2019. The sessions concluded with a Q/A session followed by a vote of thanks.

### STUDIES IN FRANCE

Having completed a "Studies in the US" session, Hult Prize, St. Xavier's College (Autonomous), Kolkata came up with yet another irresistible study session that gave students insights about opportunities to pursue education in France. The session witnessed eminent speakers from the French Consulate who enlightened prospective candidates about the admission procedure while addressing the importance of foreign education. Students from departments of both UG and PG were accommodated to help them explore the various prospects that the course offered.

## OUR PROJECTS

### THE SCROLL:

The Scroll is a LinkedIn-based initiative under Hult Prize SXC which is dedicated to crafting insightful articles ranging from social entrepreneurship to other domains with a goal of enhancing the corporate mindset.

### THE PINK LETTER:

With the unwavering support of our beloved Father Principal, we recently launched "The Pink Letter" which is a one-of-a-kind update published bi-monthly providing insightful updates to the readers. It currently furnishes brief information about the community and describes the various projects undertaken by it. To promote holistic development, the newsletter offers professional opportunities, thought-provoking articles, success stories, current affairs, and more.

### BEYOND BOARDROOM:

'Beyond Boardrooms' is our podcast initiative through which we aspire to empower young and ambitious minds with the knowledge, wisdom, and inspiration needed to navigate the complex world of entrepreneurship by uncovering stories and strategies of accomplished individuals, paving the way for a new generation of socially conscious and impactful entrepreneurs. On 6th August, 2023 we streamed the first ever episode of our podcast 'Beyond Boardrooms' with our guest Mr. Kushal Lodha. The podcast explored a broad range of themes to extract and deliver value to our audience.

### PROJECT KARTAVYA:

An initiative undertaken by Team Hult Prize to foster the spirit of social conscience and social responsibility. With the aim of taking social responsibility outside the campus- Project Kartavya aims at the upliftment and empowerment through the various activities conducted under it.

## COMMUNITY

Hult Prize Community, a recent initiative by Hult Prize, St. Xavier's College (Autonomous) Kolkata brings together all college students on a single platform allowing them to engage with one another. Our WhatsApp-based community currently has 800 members and is running strong. It serves as a central hub for students to receive updates about our forthcoming events and workshops. The community recently hosted an enriching workshop that provided the participants with comprehensive guidance on personal interviews and strategies one needs to excel in them.





# Special Reports



# The School of Social Sciences and Humanities

St. Xavier's College (Autonomous) inaugurated its School of Social Sciences & Humanities on August 22, 2023. It aims to create and foster a multidisciplinary academic ecosystem through the Postgraduate and Research departments of the Arts Faculties. The School will operate as a nodal point for research and internship opportunities for the faculty and students of the Departments of English, Political Science, Sociology, Bengali, History and Mass Communication & Videography.

The Blessing Ceremony on the inauguration day was followed by the inaugural and technical session at the Fr. Depelchin Auditorium. This inaugural session featured the introductory address by Rev. Dr. Jayaraj Veluswamy, Rector and the inaugural address by Rev. Dr. Dominic Savio, Principal. The Principal in his speech emphasized that 'the School of Social Sciences and Humanities will also offer academic internships, providing our students with the opportunity to apply their knowledge gained in classrooms to real-world situations'.

The inaugural session was followed by a panel discussion on Multidisciplinary Possibilities: Views from the Field. The session featured Dr. Dipankar Sinha (Professor, Department of Political Science & Director, School of Social Sciences, University of Calcutta) and Dr. Partha Pratim Basu (Professor,

Department of International Relations, Jadavpur University). The speakers discussed the need and relevance of multidisciplinary and interdisciplinary social science research with reference to their own experiences. The session was moderated by Dr. Shoma Choudhury Lahiri, (Department of Sociology, St. Xavier's College, Kolkata).

The School's objectives and planned activities includes broadly four aspects. First, it seeks to identify common areas of interest across departments and develop an orientation towards research among students and faculty members. Secondly, it plans to organize application-oriented workshops to hone and implement what has been learned in the skill enhancement courses through opportunities for practice. Thirdly, Connect students with a network of stakeholders for their internships and wider skill development. Finally, conduct research projects that will facilitate third-party collaborations and hands-on like training for the students.

The School is due to release an interdisciplinary students' blog for the students to write and engage on contemporary issues. This is to be followed in 2024 by a digitization and archival project on the institutional history of St. Xavier's College. As a long term vision, the School intends to produce a Multidisciplinary Paper in line with the New Education Policy.







# The Centre for Gender Studies, St. Xavier's College (Autonomous), Kolkata

The Centre situated at the Raghobpur Campus has been established to promote awareness about gender equality. The Centre was inaugurated on 2nd April, 2022 and has been designed to host conferences, seminars, workshops, cultural activities and research projects focused on women-centric or gender-related issues. The goal of CGS is to spread awareness and create a better living environment for all, particularly for those who are marginalized in society.

## Activities for the Session July 2022 to October, 2023

1. The Centre for Gender Studies, St. Xavier's College (Autonomous), Kolkata, in joint collaboration with Sruti Disability Rights Centre, Kolkata organized a One Day State Level Workshop on 'Sensitizing Youth on the Rights of the Disabled: An Endeavour towards Social Equality & Freedom for All' at the Raghobpur Campus of the college on 22nd August, 2022.
2. Centre for Gender Studies, St. Xavier's College (Autonomous), Kolkata in joint collaboration with Sruti Disability Rights Centre organized a day long workshop on 'Sensitizing Youth on the Rights of the Disabled: An Endeavour towards Social Equality & Freedom for All', which held on 11th November, 2022.
3. Centre for Gender Studies, St. Xavier's College (Autonomous), Kolkata in joint collaboration with Kolkata Nivedita Shakti Charitable Trust organized a Day Long National Level Workshop on "Digital Entrepreneurship for Rural Women – An Endeavour towards Economic Empowerment" which was held at the Raghobpur Campus of the College on 19th November 2022
4. On the Convocation Day of the College in 2023, the English Journal of the Centre, 'Aequitas', and the Bengali magazine of the Centre, 'Swar', were officially launched.
5. On February 2nd, 2023, MGIRI and Kolkata Nivedita Shakti conducted a Technology Awareness Workshop in collaboration with St. Xavier's College (Autonomous), Kolkata and Centre for Gender Studies at the Raghobpur Campus.
6. To celebrate International Women's Day on March 9th, 2023, the Centre for Gender Studies, St. Xavier's College (Autonomous), Kolkata organized a State-Level One Day Webinar in Bengali. The theme of the Webinar was 'Nana Chitrane Nari, Sahitye Ganamadhya', and the speakers were Dr. Chandramalli Sengupta and Dr. Arpita Bhattacharya.
7. On March 10th, 2023, the Centre for Gender Studies, St. Xavier's College (Autonomous), Kolkata, in joint collaboration with Tata Consultancy Services, organized an Orientation Program on TCS Youth Employment at the Raghobpur Campus.
8. On October 4th, 2024, the Centre for Gender Studies, in collaboration with Sappho for Equality, organized a day-long LGBTQA+ Sensitization Workshop at the Raghobpur Campus.
9. The Centre plans to provide research internships for students starting from January 2024. The interns will work on the independent project by Prof. Arka Deb Banerjee, Postgraduate & Research Department of History.



# From the Archives : FIRST OUTDOOR ANNUAL DAY at St. Xavier's College in 1891.

## A great piece of our History

This institution made a departure this year from the custom that had hitherto prevailed, of holding its Distribution of Prizes within the walls of the college. The exhibition which took place on the 15th instant was given in the large play grounds to the south of the building, under shamianas kindly lent by Government House. The change was welcomed by the parents of the students and the public in general, who are always so anxious to witness one of the most interesting prize distributions, but many of whom could not be accommodated in the College hall, large and spacious as it is. This year nearly 1500 persons were able to witness the proceedings of the day, comfortably seated.

The whole of the grass plot under the shamiana had been carpeted, the passage to the enclosure was lit up, and the improvised gate which was opened out in Short Street was ornamented with branches of palms, bunting, and flags. The supports of the shamianas were decorated with shields of various devices and other adornments. A stage was erected in front of the shamianas,

At the appointed hour His Excellency the Viceroy, who had kindly accepted the invitation to preside at the ceremonies, drove in with Her Excellency Lady Lansdowne, Miss Lansdowne, and a party from Government House, and were greeted by the National Anthem played by the College Band. They were received, on alighting from their carriage, by the Very Rev. Father A. Neut, S.J., Rector of the College, and other dignitaries and Fathers of the institution, and conducted to seats that had been placed for them in a prominent position. Here the Viceregal party was received by His Grace the Most Rev. Dr. P. Goethals, S. J., Archbishop of Calcutta. Three little boys handsomely dressed as Pages approached Their Excellencies and presented them and His Grace with richly ornamented programmes printed on satin.

The curtain rose to a short Dramatic Exercise; the "Soldiers' Chorus," from Faust, was first creditably gone through by a large group of boys. An Historical Drama in three Acts, James

V and the Douglasses," was next enacted. A number of boys took part in it, and acquitted themselves so successfully that they elicited frequent and sustained applause from the audience, and notably from Their Excellencies who seemed much pleased with the performances of the youths. Between the Acts, the St. Xavier's College Band, which was posted in an adjacent balcony, played some pieces of music under the direction of their able Band Master, Mr. A. Lackersteen, an ex-pupil of the College. The performances of the Band were well applauded.

On the play being completed, His Excellency Lord Lansdowne, attended by an Aide-de-Camp, was conducted to a seat prepared for him on the stage. His Grace the Archbishop and Father Rector occupied seats on either side of His Excellency. One of the pupils stepped on to the stage and read an Address to Lord Lansdowne, copy of which we give below. It was handsomely printed on vellum, and brilliantly illuminated, and was presented, together with a sandal-wood casket, the handiwork of some of the boys of the Industrial Class, to His Excellency. The lid of the casket had the Lansdowne Arms painted on it by one of the students, and the front panel bore a photograph of the College building.

His Excellency was next conducted to the stage, accompanied by his Aide-de-Camp, His Grace the Archbishop, and the Father Rector. One of the senior students then read the following Address:-

To H. E. THE MOST HON'BLE

HENRY CHARLES KEITH, PETTY-FITZMAURICE, MARQUIS OF LANSDOWNE, G.M.S.I., G.I.C.M.G., G.M.I.E., Viceroy & Governor-General of India.

"May it please Your Excellency, -We, the pupils of St. Xavier's College, beg to thank you most sincerely on our own part and that of our masters for the great honour your presence here today confers upon us. That you; My Lord, should thus





encroach on the few leisure hours which are left to you by the cares of State, is a proof of the keen interest you take in the welfare of even the youngest of Her Majesty's subjects, and the favour you do us intensifies in our hearts the feeling of loyalty and devotion to our August Sovereign whom you so worthily represent.

"No British statesman is better fitted, either by capacity or opportunity, to gauge the actual condition and progress of education in the Empire than Your Excellency, and the wide grasp and fuller knowledge which you possess ensure a kindlier interest in our efforts and a gentle tolerance of our defects.

"We are encouraged by this knowledge of your sympathy and experience to lay before you a brief statement of the work done by our College.

"St. Xavier's, under its present management, was started in January 1860 with some 40 students. Six years afterwards the number had risen to 400 and now it exceeds 800. The day-scholars contribute by far the greater part of this total. The average number of boarders during the year has been 90. Many of these come from distant parts of India and a few even from foreign countries. The boarders are less number us now than they were formerly; this is owing to the great attraction of our new College at North Point, Darjeeling, which has just been completed. After the ensuing vacation it is proposed by the College Authorities for good and weighty reasons to retain at St. Xavier's not more than 40 boarders.

"We have here a School department from the Infant to the Entrance classes and a College department embracing the M. A. class.

"Last year a special class was formed for students desirous of entering the Thomason Civil Engineering College, Roorkee.

"Our College has been affiliated to the Calcutta University since 1862 and has up to date passed out-

334 students in the Entrance Examination,

Of whom 127 passed in the 1st Division

169 passed in the 2nd Division

and 38 passed in the 3rd Division

272 students in the F. A. Examinations,

Of whom 34 passed in the 1st Division

107 passed in the 2nd Division

131 passed in the 3rd Division

99 students have passed the B.A. degree of whom 22 came off with honours since the establishment of that distinction in 1885, and of 22, 7 passed with 1st division honours.

"Our College has also passed 13 students in the M.A. examination.

"The results of the last Entrance examination have been very satisfactory. St. Xavier's presented 30. Of these 29 passed, 12 obtaining rank in the 1st Division, 15 in the 2nd and 2 in the 3rd. At the same examination 4 Scholarships were taken by boys.

"To pass to another subject of capital importance, Cricket and Football, especially the latter, have been well played during the year. In the Football matches for the Trades Challenge Cup our team was pitted against the Dalhousie, the Premier Association team of Calcutta, and was defeated by only two goals.

"Your Excellency will be pleased to learn that our Cadet Company musters close on 120, and that we have carried off this year the Harwood Cup, which for us members of the 2nd Battalion of the Calcutta Volunteer Rifles corresponds to the Elcho Challenge Shield in England.

"Before concluding, we desire to express our most sincere and heartfelt gratitude to Her Excellency Lady Lansdowne for having honoured us with her presence here to-day. Her devotion to every duty of her exalted station, her self-sacrifice to every good cause, and especially her sympathy with the young have endeared her to us all. Her visit to St. Xavier's College will ever live in our memory, and will I future years give a special charm to the recollection of this the brightest day of our school-life.

"We have the honour to remain,

Your Excellency's devoted servants,

THE PUPILS OF ST. XAVIER'S COLLEGE."

Calcutta, December 15th, 1891.

His Excellency rising made the following reply:-

"It gave me great pleasure to be able to accept your invitation, which, thanks to your kindness, has been open to me for some time past, and I am glad to learn from your address that you correctly regard my visit as bearing witness to the interest which the Government of India takes in your College.

"My first duty is to express to the Rev. Fathers my warm acknowledgment of the work which they have accomplished.



It is no small thing to be able to say that during the 30 years which have passed since the foundation of the College, the number of students has grown from 40 to 800, and it is remarkable, as showing how cosmopolitan are your principles, that amongst these are included representatives of so large a number of different creeds and nationalities—Protestants and Catholics, Hindus and Mahomedans, Greeks and Armenians, Parsis and Jews, while even Burma and China are not unrepresented.

"You have pointed out to me that your course of education carries your pupils in an unbroken progression, from the infant classes at the bottom, to the M.A. College classes at the top; and I may here be allowed, as Chancellor of the Calcutta University, to congratulate you upon the large number of students whom you have, from time to time, been able to pass through the different University examinations and upon their good performance.

"In some cases the success of your students has been unusually conspicuous. One of them recently obtained double Honours at the B. A. Examination, and is now in the Subordinate Executive Service; another, a Native student, has won the Sarada Prasad Prize in Physics, and a third, Mr. J. J. Platel, obtained last year triple First Division Honours at the B. A. Examination, heading the list in Latin and Philosophy, and carrying off the State Scholarship of £200, as well as two University gold medals. This distinguished young man is, I am glad to hear, now studying, not only at my old University, but at the old College, Balliol, where I was myself educated, and to which I am so much attached that I have lately sent my eldest son there.

"I am glad to hear that you have lately added to your curriculum an Engineering Class for the Thomason Civil Engineering College at Rurki. The professions to which a purely literary education is the avenue are so overcrowded that it is extremely desirable to provide openings for our most promising young men in other paths of life, and, considering how much has yet to be done in India for the development of our mineral resources, our railways and canals, the Engineer's profession appears to me to be one of the most hopeful which a hard-working youth can adopt.

"Gentlemen, I must not forget to compliment the performers in the dramatic exercises, which we have just had the pleasure of witnessing, upon the creditable manner in which they acquitted themselves. I am glad to find that dramatic performances are popular with the students and encouraged

by their teachers. The trouble of learning a part and rendering it intelligently will certainly not be thrown away by those who take it. It involves, to begin with, the exercise of close application and a considerable effort of the memory. It also obliges the actor to realise the meaning of the author much more thoroughly than if he was content with merely reading the play for his own amusement. But, besides all this, a young man who learns how to make a good appearance on the stage acquires a mastery over his voice and gestures, over the carriage of his body, and the movements of his limbs, which he would probably not acquire in any other way. Young men, and not young men only, and particularly, I am afraid, my own countrymen, are apt to be nervous and ungainly on public occasions, and their self-consciousness, or diffidence, may find expression either in what is sometimes called swagger, or in the opposite extreme, which may be described as sheepishness. The discipline of the stage is not a bad corrective to these faults. If you can learn how to carry yourselves gracefully, modestly, and naturally on the boards, you will be materially assisted in doing so in private life.

"The pains which are taken here in connection with such exercises afford an additional proof that you are aware that education, in the truest acceptation of the word, is not confined merely to that instruction which the student is able to derive from the books which he reads while he is studying within these walls. That which a lad is able to learn from the example and influence of his teachers, from the healthy competitions of the play ground, and from the character and conduct of his older school-fellows, affects his success in life quite as much as the lessons which he has to prepare, or the examinations which he is required to pass. An education of this wider kind is no doubt not so easily obtained in schools where the pupils attend only for part of the day, and where their whole time is not spent, as it is in our great English public schools, more or less under the eye of their teachers and in the midst of their comrades. In spite of this, a great deal can be done outside of the regular school work, even in a day school, in order to provide education of this sort, and I am glad to think that it is not neglected here. I observe that you have referred in your address to the good old games of cricket and football as a subject of "capital importance." That was the light in which we certainly regarded them when I was your age, and perhaps we were not very far wrong, although we were accused of working at our games and playing with our books. But the encouragement of manly sport and of volunteering cannot fail to have a good effect, and I am glad to





know that your Cadet Company is strong, and has proved that it can shoot straight by carrying off the Harwood Cup. Independence of thought, manliness of bearing, love of truth, generosity, and forbearance-these are qualities for the, absence of which no amount of book learning will make amends, and what I should like you youngsters to remember is, that it rests, not only with the teaching staff, but with the boys themselves, and particularly with the older boys, to see to it that the tone of the College in these respects is all that it should be.

"I will now end my observations by heartily wishing you success, and expressing the hope that those who have won prizes upon the recent occasion will be encouraged to persevere and to maintain their reputation, and that of their old school, during their career in life.

The expressions of satisfaction and good will and the kindly admonitions given by His Excellency were enthusiastically acknowledged and the main business of the evening, the part most interesting to the pupils, was entered upon. Rev. Fr. Naish, S. J., Prefect of the College, announced the names of the prize winners, who stepped on to the stage class by class with glowing faces to receive the reward of their year's labour from the hands of the august personage who had deigned to honour them with his presence and patronage. Some of the Medalists bore on their breasts medals won in past years.

Although a large number of prizes had to be disposed of amongst the whole of the classes, from the lowest to the highest, so well were things Arranged, that the task was finished before it became wearisome and Their Excellencies being conducted both to their carriages, the assembly broke up.

We regret that for want of space we can give only the names of the principal prize-winners, but we offer our cordial congratulations to all who succeeded in obtaining rewards:

## COLLEGE DEPARTMENT

Good Conduct.-	W. Wells.
First Year's Class.-	O. Chiene, B. N. Sen, Devendra Mullick.
Second Year's Class.-	P. Robertson (silver medal); R. Higgs, A. D. Bannerjee.
Third Year's Class.-	Lala Troilok Nath (silver medal).
Fourth Year's Class.-	H. Sinha, B. C. Mukerji.

## SCHOOL DEPARTMENT

- Good Conduct.- Boarders, Upper Division.- A. Hughes, H. Pearce; Lower Division- A. Lumsden, E. Lumsden.- Day Scholars, Upper Division.- J. D'Santos, J. Camell; Lower Division.- F. Turner, H. Fell.
- Entrance Class - Hypher (silver medal); O. Moses, A. Sen,
- Preparatory Entrance Class.- J. Camell (silver medal); L. Lydiard, J. Peal, S. M. Bose.
- Standard VII.- A. Raha (silver medal); F. Turner, A. N. Chowdhuri.
- Standard VI (Section B).- E. Clerici (silver medal); S. Belletty, J. Goldenstein..
- Standard VI (Section A).- C. Whitham (silver medal); G. Lydiard, R. Roy.
- Standard V (Section B).- H. Fell (silver medal), E. Woodward, H. Jehangir.
- Standard V (Section A).- J. Jeremiah (silver medal); T. Stone, J. D'Silva.
- Standard IV.- W. Raha (silver medal); G. Sirear, M. H. Khan, J. Knox-Ord, S. C. Mallick.
- Standard III.- L. Desbruslais, A. Gonet, V. Ellis.
- Standard II.- G. Stone, E. Newing, A. Chatterji, V. Crosby, E. George.
- Standard I.- A. Ferris, N. Sandel, R. Dass, B. Hughes.
- Infant Class.- C. Carapiet, A. Butterwick, S. Smith, G. Vardon.

## SPECIAL PRIZES

- First Communion Class.- D. Harvey, L. Desbruslais.
- English Composition.- A. Hughes, gold medal presented by Maharajah Sir Jotendro Mohun Tagore, K.C.S.I., for competition by the four upper classes of the School Department.
- Bengali.- Upper Division- G. Moses; Middle- L. Lydiard;
- Lower- H. Palmer. Urdu.- Roorkee class- H. Wells; Middle Division- G. Sunders; Lower- G. Walters.
- Persian.- Upper Division- M. Gholam; Middle- T. Meerza.



- French.-G. Gupta.
- Sanskrit.-C. S. Roy.
- Piano.-Upper Division-W. French; Lower-A. McGrath.
- Drawing.-S. Phillipe.
- Painting.-J. Gangooli,
- Band.-J. Kelly (silver medal); G. Power.

## SCHOLARSHIPS

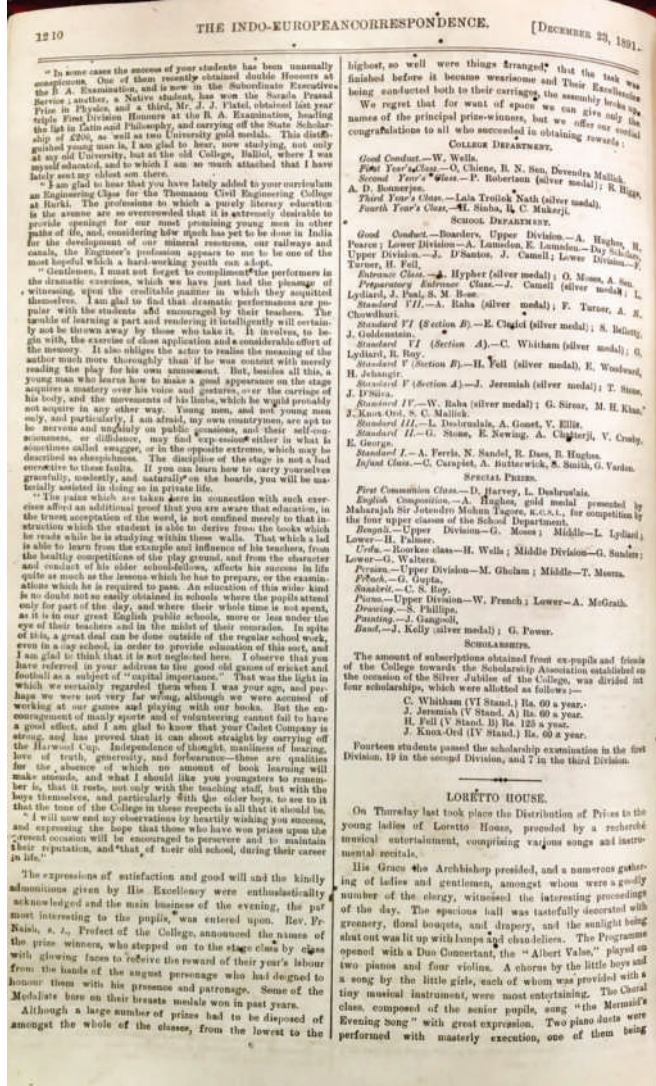
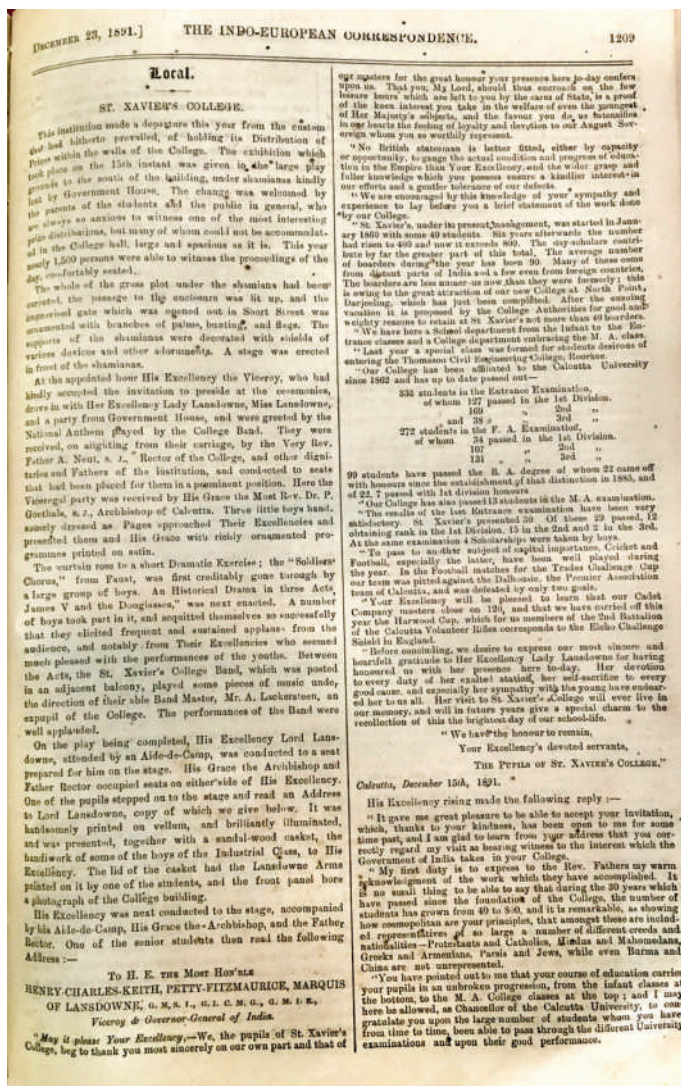
The amount of subscriptions obtained from ex-pupils and friends of the College towards the Scholarship Association

established on the occasion of the Silver Jubilee of the College, was divided into four scholarships, which were allotted as follows:-

- C. Whitham (VI Stand.) Rs. 60 a year.
- J. Jeremiah (V Stand. A) Rs. 60 a year.
- H. Fell (V Stand. B) Rs. 125 a year.
- J. Knox-Ord (IV Stand.) Rs. 60 a year.

Fourteen students passed the scholarship examination in the first Division, 19 in the second Division, and 7 in the third Division.

- The Indo-European Correspondence, 23rd Dec 1891





# Department of International Studies and Programmes

## REPORT JANUARY– DECEMBER 2023

- Special Lecture organized on 'Vivekananda: A New Vision' by Professor Ruth Harris, All Souls' College, University of Oxford on January 31, 2023.
- Kaushiki Chowdhury, BA English Honours, Semester-IV, Roll No: 15 completed her semester study at Macquarie University, Australia for the Spring 2023 Semester (February – June 2023).



- St. Xavier's College (Autonomous), Kolkata, organized in collaboration with The Bhopal School of Social Sciences, Bhopal, Madhya Pradesh, a Two-day Multidisciplinary International Conference cum Workshop on the Theme India 2.0: Vision For India In 2047 on 3 - 4 March 2023.
- Dr. Panchali Sen, Dr. Shenjuti Dutta & Dr Zaid Al Baset attended the multidisciplinary international conference on Communication Culture: New media - New opportunities - New Perspectives organized by University of Social and Media Culture in Toruń, Poland held on 16 May 2023.
- 6 Students from Nordic Centre in India (Linköping University, Sweden & University of Jyväskylä, Finland) visited St. Xavier's College to attend a course on Different aspects of Indian Education from 2nd – 8th July 2023
- Afreen Ali, BA Sociology Honours, Semester-III, Roll No: 204 is pursuing her semester study at Macquarie University, Australia for the Spring 2023 Semester (August – December 2023).
- 7 foreign students have been admitted to various UG and PG courses in several departments in the academic year 2022-23.





- The fifth batch of certificate course in French Language started on 16th August 2023
- A team from SXC attended the 'Study in India - Website portal compliance officer orientation & outreach program' workshop on 13th September 2023 at AICTE Auditorium, AICTE HQ, New Delhi.
- Dr. Zaid Al Baset, HOD, Department of Sociology visited the University of Social and Media Culture in Toruń, Poland attended an International Congress on the topic: Catholics and Corporeality scheduled 24 -25 November 2023.
- 6 Students from Macquarie University, Australia visited St. Xavier's College to attend a course on Ethnology of India: Art and Culture, Gender, Politics, and Economics, during the week 3rd – 9th December, 2023. The group was led by Dr. Andrew Alter, Assoc. Prof., Music Studies, Dept. of Media, Communications, Creative Arts, Language and Literature at Macquarie University.

INSTITUTE	DATE
Sappho for Equality, Kolkata	21-03-2023
Solaire Initiative Pvt. Ltd, Orissa	19-04-2023
Suzhou Xianghui Technology Co., Ltd, P. R. China	19-04-2023
Balurghat B.Ed. College, Dakshin Dinajpur	25-04-2023
Advantere School of Management, Madrid, Spain	25-05-2023
Arun Duggal Centre of Excellence for Research in Climate Change and Clean Air (CERCA), Indian Institute of Technology Delhi,	29-05-2023
Nordic Centre In India	31-05-2023
XITE College, Gamharia, Jharkhand	

- MOU Signed



**Dr. Panchali Sen**  
Dean, Department of  
International Studies  
and Programmes.







# Exchange Program to Macquarie University, Sydney, Australia

In February of this year, I embarked on a trip that would forever stay with me and teach me things I wouldn't have otherwise. A study abroad programme, for the duration of my fourth semester (February to June), with Macquarie University, an almost sixty-year-old institution, ranked among the top two percent of universities in the world and with a 5-star QS rating, allowed me to widen my horizons, be independent, and develop a keen appreciation for cultures not my own. I had not expected Australia to have a heterogeneous community as I found it does, but I was indeed impressed by its diverse social community, and it veritably comforted me and encouraged me to experience new things. The university itself boasted such good international study programmes, often backed with considerable monetary relief.

I had left for Australia on 7th February this year and with a layover in Kuala Lumpur, Malaysia, reached Sydney on the 9th. My accommodations were thankfully sorted due to having family there but during preliminary research for the exchange programme I had found that there were also good University-provided hostel accommodations and whatnot. The first few days were rather scary as I had not stayed away from home for as long as six months, as I was doing now. But once classes officially started from 20th February, it was hard to ponder over dismal matters. I had the opportunity to choose my units of study for my semester there and I thoroughly enjoyed both the freedom offered to students in terms of moulding courses specific to their needs and preferences and the ample support provided to students to ensure smooth attendance. The orientations week, from 13th February, was particularly helpful in familiarizing students in the technologically driven learning style, which was entirely new to me.

One of my most favourite parts about the campus was its library. Stocked with countless books about anything and everything, and with a non-contact mode of check-in and return that was convenient and hassle free. Moreover, most of the education was imparted via iLearn, an online education platform. Students could not only track the syllabus per week, but also attend live lectures through it. Furthermore, I had

classes just three days of the week, with each week having one lecture and one interactive tutorial per unit. This meant that I could use the rest of the days for individual studies, personal projects, or even excursions.

Another very extraordinary aspect of the campus, that I desperately miss, is the availability of many study spaces. I would usually frequent the study cubes in 1, Central Courtyard, and the study sessions would last late into the evening. But going back home never prove difficult because of an amazing transport system, all connected via one mobile app that made travelling significantly easy and exploring the city all the more exciting.

Like I mentioned elsewhere, I had lived with family for the duration of my stay, and this allowed me to observe and realise the valence of South-East-Asian diaspora in Australia. I understood how easy it was to form new connections but also how hard it was to traverse them. I thought of the many immigrant students about my age or even younger who had to work double jobs to make ends meet. At times like these, I reflected upon my gratitude to the \$5000 scholarship that I received from Macquarie University.

Apart from this, I was much encouraged, and my confidence bolstered by a steady chain of communication with Dr. Panchali Sen, Dean, International Studies and Programmes. Her support was imperative to a worthwhile stay there and I was very glad that I could confide in her and seek advice from her whenever necessary.

I also had the opportunity to indulge in extracurricular activities like activities catering to exchange students, including a welcome event that included a treasure hunt to better accustom students to the campus geography, GLP (Global Leadership Programme) that conducted seminars to disseminate the importance of creative collaboration across different ethnic groups. I even had the honour of representing St. Xavier's College at the Exchange Fair 2023, where I could meet and interact with people from different nations interested in visiting India. I also had the chance to deeply understand the history of Asian immigration to first-world countries because of a day trip to Sydney's own Chinatown,



near Haymarket. The trip included interactions with Mr. Vincent Lim, President, Haymarket Chamber of Commerce, and Kevin Cheng of 'Soul of Chinatown', a community organisation, dedicated to ensuring the survival of Sydney's Chinatown.

Off-campus, I had the opportunity to explore sites as the Sydney Opera House, where I attended an orchestra for Tchaikovsky's ballet music, conducted by Simon Young; walk the entire length of the Sydney Harbour Bridge; relax in the Chinese Garden of Friendship with other participants of the GLP; taste authentic

delicacies at the Rock's; visit the Three Sisters peaks in the Blue Mountains; walk on the infamous Bondi Beach; watch the lights at the Harbour for Vivid Sydney...and so much more!

Come June I had to start preparing for my end-semester examinations as well as for my departure in July. Thankfully, though the exams were in the form of paper submissions (apart from one sit-in exam for Economics). That too was an exciting process as I was at leisure to select my respective topics for the final papers and the interactive audio-visual

media that was involved in our Economics lessons had made studying it easy and fun.

However, as all good things must come to an end, so did my exchange programme. I left Sydney on 14th July and reached Kolkata the next day. The trip itself was fulfilling both academically and non-academically. It truly allowed me to step 'outside myself' and glimpse a world that awaited me away from home. I was both sad and glad to have returned home for on one hand, I missed the friends and formal connections that I had made there, on the other, I was yearning to return to Kolkata, and to the comfort of St. Xavier's College.

It is true though that leaving home can be daunting and unfamiliar, but I urge all students to take this opportunity that our college so graciously provides us and create memories to last a lifetime.

- Kaushiki Chowdhury, UG, ENGA, 15







# Alumni Association

SXCCAA is a family which works in perfect synchronisation to fulfil the vision and goals of Reverend Father President, Dr. Dominic Savio who leads us, in the path of service, as 'Men and Women for Others'. My heartfelt gratitude goes to Father President for being our guide and mentor.

It is my humble privilege to walk you through a documentation of the initiatives, programs, events, and activities which were accomplished by the SXCCAA, its wings and Chapters during the year.

## Women's Forum

2022-23 was an eventful year for the SXCCAA Women's Forum. We had a series of events throughout the year.

01. The Annual Tea meet 2022 was held on 13th of November. The event included memorable performances by "Sourendro and Soumyojit", and Tollywood artist Rituparna Sengupta.
02. SXCCAA Women's Forum members organized a day out at the heritage Alipore Jail Museum on 16th December. The centuries old jail was recently converted into a beautiful museum recounting the brave stories of our freedom fighters.
03. SXCCAA Women's Forum members organized a talk on Mind Miracles by Mrs. Shivani Agarwal, a life coach and wellness speaker. It was an eye-opening session on how to condition our mind in a positive way.
04. SXCCAA Women's Forum members organized a fellowship at The Bhawanipore Tea House. It was an enthralling evening over some delicious food and flavored tea!
05. On 15th February 2023, the Women's Forum of St. Xavier's College (Calcutta) Alumni Association organized a philanthropy program at Sisters of the Poor. The event was held to celebrate the birthdays of geriatric members born in February.
06. SXCCAA Women's Forum members organized one of the biggest events of the year. Women and Beyond, celebrating Women's Day. The program consisted of Panel discussion and felicitation of the unstoppable women like Ms. Monisha Pailan, acid attack survivor, Ms. Usha Uthup, eminent singer, Ms. Gargee Roychowdhury Actress, Ms. Raya Chatterjee renowned speaker. The program started with an amazing dance performance by renowned danseuse Ms. Jaya Seal Ghosh followed by a panel discussion of our guests. This was followed by a foot tapping performance by the legend Ms. Usha Uthup.
07. On 18th April 2023, the Women's Forum of St. Xavier's College (Calcutta) Alumni Association organized a philanthropy program at Mahaveer Seva Sadan. During the event, we got an opportunity to visit different sections and witnessed the great work done by the organization.
08. SXCCAA Women's Forum organized a make over workshop with Make Up Artist Megha Dixit Lakhotia on 10th of May at Credo Cafe. It was an informative session with lots of queries answered and the members were extremely satisfied with the entire workshop.
09. On 21st June 2023 women forum had organized a workshop on pro biotic drink Kombucha by 4 ladies who are home brewing it, at The Bhawanipore House.
10. SXCCAA Women's Forum members organized one of the biggest philanthropic events of the year on Father President's birthday at the Little Sisters of the Poor. They arranged a proper birthday party for the house mates with caps, whistles, and goody bags. Women's forum donated 2 wheelchairs and 3 walkers.
11. SXCCAA Women's Forum in association with CREDO Center of Excellence has sponsored and curated a fashion designing course for eight girls from the Raghobpur Campus. This course is certified by SKILL INDIA - Apparel Skill Sector Council, Government of India and will empower these girls to start an entrepreneur's journey.



## Philanthropic Activities

SXCCAA gives top priority to its Philanthropic Activities, extending support to the marginalized and the downtrodden in society in conformity with the values and principles of being “Men & Women for Others” and in true spirit of NIHIL ULTRA.

This year too like previous years SXCCAA had organized a lot of philanthropic initiatives-

01. Let's Care & Share was organized by SXCCAA. On 17th of Dec – Various NGO representatives visited College. They were given dry rations, packed food etc. On 18th December, SXCCAA team along with Fathers visited the Paikhala school where a magic show was held and goodie bags were distributed among the children. After that the team visited Raghampur where about 600 children attended the activity from adjacent villages and were given goodie bags, food packets, caps etc. Rev. Dr. Dominic Savio, SJ introduced the Mid-Day Meal Scheme in terms of Community Kitchen in Paikhala from January 2023 for the children of the school.
02. SXCCAA extended its support for the Sishu Mela organized by NSS on 19.02.2023 in the College grounds. This year around 580 children from city NGO's and Bodhona & Cini were invited for this unique Children's day.
03. On Women's Day, SXCCAA & NSS jointly organized a vocational training programme aimed at Empowering women by making them financially independent at Calcutta Muslim Orphanage on 24.03.2023.
04. For the new academic session, the students of the Paikhala School were given textbooks.
05. 4 sewing machines were donated by Lions Kakurgachi Welfare Society to SXCCAA. The NSS along with SXCCAA handed over these machines to the Kolkata Muslim Orphanage for vocational training to orphan and poor girls on the 15th May 2023.
06. The mid-day meal for Paikhala school children has been revamped with additional cooking and utensils support. A core team from SXCCAA members was setup to look after the monthly food, ration, and other requirements for the mid-day meal.
07. SXCCAA along with Rotary club of Calcutta south circle organized a program at the Raghampur campus on 04.06.2023 to make the villagers of the nearby villages financially independent. 10 cycle vans were distributed to the needy and financially challenged, out of them 5 were women.
08. On World Environment Day, a tree plantation drive was done at the Raghampur campus.
09. Prayas Camp (college to village and village to college) was organized by NSS from 19.06.2023 to 21.06.2023 at the College campus. SXCCAA had organized a farewell lunch and gift hampers for the girls from CMO.
10. SXCCAA extended its support towards the blood donation camp organized by the NSS on 8th August 2023 at Fr. Depelchin Auditorium by sponsoring the refreshments for the blood donors.
11. SXCCAA celebrated its Presidents Birthday as PHILANTHROPY DAY on the 24th of July 2023. A special thank you to the conveners Mr. Harish Agarwal, Mr. Dharmen Trivedi and Mr. Rajesh Agarwal of the event.

### Special Mention

- Paikhala Prathamik Vidyalaya, the rural school in Paikhala village which has been developed, supported, and is run by SXCCAA, were provided with sports items, stationery items, new school uniforms, stainless-steel plates for the mid-day meal of the school children. Student volunteer teams from the Raghampur NSS unit under the mentorship of Prof. Arundhati have been formed which will visit twice a week and take classes, teach dance and music, and monitor the mid-day meal of the school.
- 12 water filters for Raghampur campus and the extension centers in the area have been donated.
- 8 water cooler machines were donated to Raghampur campus.

### Donation and support given to the organizations:

- a) 2 months ration and sports items for the children were provided to Asha Niketan, Save the Child and BODHANA.
- b) Bal Siksha Sadan & Sri Gandhi Vidya Mandir are government aided primary schools, that were provided with sports items and stationery items.





## Fellowship Activities

01. SANGAM Reunion Dinner was held on 30.12.2022 at the College grounds. The theme and décor were based on Gujarat. We had a footfall of 800 people. We thank all the Jesuit Fathers for attending the event and blessing us. We thank Mr. Deepak Gupta & Mr. Moloy Roychowdhury (Advisors) and the conveners Mr. Rajeev Buvaria & Mr. Zahid Rafique for their hard work and tireless effort that they have put into making the event successful.
02. St. Xavier's College (Calcutta) Alumni Association successfully organized Christmas Meet 2022 on 21st December at College Ground. Ms. Mamata Banerjee, hon'ble CM of West Bengal graced the occasion as the Chief Guest. Jb. Firhad Hakim, hon'ble Mayor of Kolkata Municipal Corporation, Rev. Dr. John Felix Raj, SJ, hon'ble Vice-Chancellor of St. Xavier's University, Kolkata and Rev. Fr. Thamacin Arulappan, SJ, Principal of St. Xavier's Collegiate School, Kolkata also attended the event along with Father Rector, Father Principal, Vice-Principals, staff members, students and alumni.
03. Teachers' Day was celebrated at St. Xavier's College (Autonomous) Kolkata in a befitting manner on 5th September 2023 by awarding Father Principal with the Xaverian Award for Excellence in Imparting Education. The two other awardees were Vice Principal Prof. Bertram Da Silva and the Controller of Examination Dr. Arup Kr. Mitra. SXCAA is thankful to the convener Mr. Shahid Ahmed Khan for organizing the event successfully.

## Special Occasions

- **International Mother Language Day** was divided into two major events namely 'Sanyog' and 'Dashobhuja Bangali'.

'Sanyog', an International Torch Light Symbolic Rally for Peace and Integrity, is organized to commemorate the Martyrs of the Language Movement, and 'Dashobhuja Bangali' is an event where eminent Bengali personalities across various fields were felicitated on 21st February 2023. This time, we felicitated: Madhabi Mukherjee, Anjan Chatterjee, Bidesh Bose, Goutam Halder, Kharaj Mukherjee, MA. Alamgir, Smaranjit Chakraborty, Soumen Mitra, Wriddhiman Saha, Rupam Islam.

This year, under the leadership of Rev. Dr. Dominic Savio, SJ, a team of delegations consisting of Rev. Fathers, Alumni and students travelled to Dhaka, Bangladesh in the month of February 2023.

- Rev Fr Provincial visited SXCAA and met the members on 11.11.2022 in Room No. 15.
- Father Principal's Book Launch on 12.05.2023: "Transforming Our World Together towards Sustainable Development" edited by Rev. Dr. Dominic Savio, SJ, along with Prof. Samrat Roy and Prof. Saswati Chaudhuri, published by the Cambridge Scholars Publishing, United Kingdom, UK was released on 12th May 2023 by Sri Bratya Basu, Hon'ble Minister-in-charge, Higher Education and School Education Department, Govt. Of West Bengal at St. Xavier's College, Kolkata.
- The St. Xavier's College, Kolkata & the St. Xavier's College (Calcutta) Alumni Association conferred the prestigious Global Xaverian Award to the Maharaja of Cricket, Xaverian Sourav Ganguly on 24.08.2023. Rev. Dr. Dominic Savio SJ, Principal, St. Xavier's College, Kolkata (Autonomous) and President of SXCAA presented the Award to Mr. Sourav Ganguly at Fr. Depelchin Auditorium.

## Fund Raising Programmes

01. The 29th Fr. Joris Memorial Nihil Ultra National Debate was held on Saturday the 21st January, 2023 at the St. Xavier's College Grounds between 5pm and 7.45 pm organized in association with Calcutta Debating Circle. The motion of the debate was "This House believes that we are witnessing Euthanasia of Bollywood". The panel comprised of eminent speakers from different aspects of Cinema and Entertainment industry.
02. Beyond Boundaries VII, the international convention of the Xaverians, was held with grandeur at The James Court, Taj, Buckingham at London on 6th of October with the traditional lighting of the lamp. The prestigious Global Xaverian Award was conferred on three distinguished Xaverians, Mr. Kamal Mittal, the industrialist, Mr. Subarno Bose, Chairman IIHM group and the cricketing legend, Mr. Dilip Doshi by Reverend Father Principal, Father Rector, Rev. Fr. Jeyaraj Veluswamy, the Hony. Secretary of SXCAA and Mr. Manik Dey, Coordinator of the London Chapter.



03. Beyond Boundaries VIII was held in Singapore from 27th July to 30th July 2023. After Father President unveiled the T-shirt of Beyond Boundaries VIII on 24th July 2023, a contingent of 60-65 Xaverians with their family members from Kolkata along with Father President and other fathers of St. Xavier's Community went to Singapore and joined another 150 active chapter members of SXCCAA Singapore Chapter.
04. The Foundation Day of SXCCAA was held on 13th April 2023 at the College auditorium. The program included a spectacular Audio-Visual narration on the History of SXCCAA and its current activities.

### Activities in Association with the College

01. Gandhi Jayanti was observed at St. Xavier's College, Kolkata on 2nd October 2022, organized by the St. Xavier's College Autonomous, Kolkata and St. Xavier's College Calcutta Alumni Association.
02. Celebration of Swami Vivekananda's Birthday - Rev. Fr. Dr. Dominic Savio, SJ, offered tribute to Swami Vivekananda at the Campus in a formal and meaningful ceremony on 11th January 2023, the celebration of National Youth Day to commemorate the birth anniversary of Swamiji.
03. The Foundation Day was celebrated on 16th January, 2023, at the campus.
04. SXCCAA organized Fathers Picnic on 5th February 2023 at Ukhila United Club Farm House at Narendrapur. A friendly cricket match was played between SXCCAA member and the fathers.
05. A team of officials from Advantere, School of Management, Madrid, Spain, paid a visit to the St. Xavier's College. A MoU was signed between Advantere and SXC. A University team visited the St. Xavier's College from Macquarie Sydney, Australia. Our alma mater has a MoU with the University.

### International Chapters

It is with pride we state that the existing international associations also carried out various fellowship and networking activities, in the true Xaverian spirit around the calendar year.

### National Chapters

01. 'XIA- 2023' –was organized by the Association along with the South Zone Chapter of SXCCAA with 4 major programs namely XAV.biz, XIA Cuppa, XIA Global Awards 2023 and XIA Fellowship on 29th January 2023.
  02. Xaverians' Nostalgia'23 was organised by the West Zone Chapter of SXCCAA, in Mumbai, and in Pune, on 26.08.2023 and 27.08.2023 respectively, was a grand success.
  03. SXCCAA Siliguri chapter organized the biggest annual national chapter meet of the year from 22nd to 23rd September in Mayfair Tea Resort Siliguri.
- Our National Chapters located in Delhi, Mumbai, Bangalore, Siliguri and Guwahati have been organizing regular fellowship and philanthropic activities throughout the year.

### Sports

01. Once again Cricket Fever was celebrated by SXCCAA on 11.02.2023 in the St. Xavier's College Kolkata Grounds in the 14th Edition of Father Joe D'Souza Memorial Cricket Match between Alumni & Teaching / Non-Teaching Staff.
02. Fr. J Mailyekal Memorial Football Match was played on 5th September 2023 between staff members vs. alumni. Congratulations to the Alumni team on their winning in this well-coordinated match.
03. SXCCAA participated in the XPL organized by the Student Council. SXCCAA put up teams in basketball, football, and table tennis matches.

### We Xaverians

The alumni magazine of SXCCAA, "WE XAVERIANS" was published and the official unveiling ceremony was held on 29th July 2023 at One Farrer Hotel, Singapore, during the Beyond Boundaries VIII. The book was unveiled in the holy hands of Rev. Dr. Dominic Savio, SJ, President, SXCCAA and Principal, St. Xavier's College (Autonomous) Kolkata in the august presence of Captain Saikat Chatterjee Defense Adviser, High Commission of India in Singapore.





## Awards & Recognitions

1. It was a moment of pride for all the Xaverians when Rev Father Dr Dominic Savio SJ, Principal St. Xavier's College Kolkata, (Autonomous) and the President of the SXCCAA, was conferred with the honour, GURUKUL AWARDS the 'Best College Principal of the year' for 2021-22, organized by Lions Clubs International District 322B2 on 18th November 2022. St. Xavier's College has also been honoured with the recognition as the College of the Year 2021-22.
2. Rev. Dr. Dominic Savio SJ, was awarded for his outstanding contribution in the field of higher education by the Confederation of West Bengal Traders Association (CWBTA) at its annual award ceremony on Monday, December 19th, 2022.
3. Reverend Fr. Dr. Dominic Savio SJ, graced the inaugural ceremony of the South Kolkata Christmas Carnival as the Guest of Honour on 22.12.2022. He was felicitated with the 'Lifetime Achievement Award' by the Hon'ble Minister and Mayor Mr. Firhad Hakim in the presence of Mrs. Mala Roy, MP and other dignitaries for his selfless service in the field of Philanthropy and Social Work towards the benefit of the marginalised people.
4. Rev. Dr. Dominic Savio SJ, Principal, St. Xavier's College received the prestigious Rammohan Puraskar, 2023, at Science City today, 22.05.2023. This auspicious occasion was a part of the celebration of the 251st Birth Anniversary of Raja Rammohan Ray the 'Father of Modern India'.
5. Rev. Fr. Dr. Dominic Savio SJ, Principal, St. Xavier's College, Kolkata (Autonomous) and President of SXCCAA, graced the Orientation Programme 'CONNEXIONS 2023' as the chief guest and delivered the keynote address at the Heritage College, Kolkata on 9th August 2023. We feel inspired to be guided by Father President.
6. In a prestigious ceremony held at the Taj Bengal, Kolkata, on 24.08.23, Rev. Dr. Dominic Savio SJ, was awarded for his outstanding contribution towards education at The Journalism Awards, by His Excellency, the Hon'ble Governor of West Bengal Dr. C.V. Ananda Bose.

## Conclusion

SXCCAA has been able to become an exemplary body today by walking together in the path shown by our leader, Father President. I thank Rev. Father President and all the other Fathers for allowing the alumni association a position and say, in matters of our dear alma mater. It makes us feel more responsible as Xaverians to contribute towards the progress of this great institution and the society, at large.

Nihil Ultra

Xaverianly yours,

**Firdausul Hasan**

Hony. Secretary,

St. Xavier's College (Calcutta) Alumni Association

2022-2023



## Christmas Celebration







Articles



# Classrooms of The 21st Century: The Free Spirited, Non-plussed Giant Orchestrator of Climate Change Cacophony

The cascading impact of the uncanny and seismic shifts in mercurial weather phenomenon and climate changes has started imploding the planet and sending shockwaves across the globe. The current poignant situation of climate changes reflects nothing short of plunging and ever spiralling state of pandemonium coupled with somber human activities being continued knocking the wind out of sustainability. Not to forget the real “true blue” moment actualized in the United Nations General Assembly which established the 17 SDGs associated with a whopping 169 targets as a part of post 2015 Development Agenda. Arguably meeting the SDGs by 2030 might be the ultimate goal but the deafening crescendo did not take long to transpire into an air of cynics and pessimism. Few strong cases in point would be the emergence of COVID-19 pandemic all over the world, catastrophic cyclones in the USA, longest happening devastating forest fire in Australia, Antarctica and Greenland losing billion tons of ice caps every year, earthquakes most notably in Japan, Turkey and Syria, landslides and floods in Indian regions of Uttarakhand and Kerala, the disastrous war between Ukraine and Russia and the most recently the war between Israel and Gaza, which saw large scale devastation and the effects which can be possibly felt in the coming years. There are myriad other unwanted and disastrous events that might possibly skyrocket the pace of climate change in the next few years. Nevertheless, the world where we dwell in comprises mostly of volatility and uncertainty filled with challenges as well as opportunities and hopes.

What if the developed economies of the world become torch-bearers and frontrunners of combating climate change? What if the European Union come up with head turning prolific initiatives of combating climate change? What if India together along with its Prime Minister Narendra Modi become the catalyst in combating climate change? What if monumental leaders like Biden, Johnson, Macron, Netanyahu

and Putin gel together for combating climate change? What if something which is actually regarded as unrealistic and imaginary transpire into a concrete reality galloping towards the noble endeavour of combating climate changes and ensuring sustainability. We are talking about volatility, uncertainty, challenges and opportunities in the present era after all and we know “miracles do happen”. Who could have imagined passengers flying in aeroplanes, people communicating through mobile networks at different parts of the world, who could have imagined the power of Artificial Intelligence (AI) in creating human robots, who could have imagined India slowly and steadily becoming a world force. Furthermore, who could have imagined India becoming the epicentre of COVID-19 pandemic and yet putting up a stellar show of vaccination, who could have imagined India beating the mighty West Indies in the final of 1983 to lift the World Cup, who could have imagined Indians showcasing talents and winning in Olympics, who could have imagined Argentina winning a thriller in FIFA World Cup 2022 via penalties against favourites France and giving a perfect farewell to Messi, who could have imagined Shah Rukh Khan creating history in film industry in 2023 through Pathaan, Jawan and Dunki or simply who could have imagine a rather forgettable and sobering evening in world’s greatest colosseum “Narendra Modi Stadium” in Ahmedabad on the 19th November 2023, when Australia inflicted collective grief on 1.3 billion Indians to thrash our World Cup dreams again in the grand finale which was more damaging than the 2003 final in Johannesburg. After all strange things do happen and it comes as a surprise to raise eyebrows. This proves that the highly volatile world is uncertain and challenging but there also exist opportunities and hopes that invigorate us. This is the best way to express the intricacies and underpinnings of a hard hitting real world.

It might sound too good to be true, but exist an opportunity to spearhead global leadership and strengthen relationships





together with addressing the issue of climate change and successfully combating it. The question is how and a simple answer is using the most potent tool of the modern world, i.e. education (teaching and learning). Students are the agents of change in the society and teachers are considered to be the pioneers of education and research. Researches have proved that 16% of students from high-income and middle-income countries received education on climate change which could see almost 19 gigaton reduction in carbon emissions by 2050. Now, imagine the scenario if all students irrespective of being school students or college students receive education on climate change. When classrooms promote awareness on climate change it does the society in bringing climate solutions along with individual empowerment and personal agency which can trigger consequential impact on behaviour of students and teachers. Researches also show that a healthy concoction of women empowerment alone with education in developing nations alone could trigger a downfall in carbon emission by 85 gigaton by 2050. Going with these estimates, if power of education could be leveraged it can prove to be more powerful than increasing investments of renewable sources of energy like onsite wind turbines (47 gigaton reduction of carbon footprints) and concentrated solar power (19 gigaton reduction of carbon footprints). As per survey conducted in 125 countries explored death tolls to be reduced by more than 60% by 2050 through classroom education. A significant aftermath of classroom education on climate change could result in the capacity of people to build

and adapt relevant knowledge and breadth of 'green skills'. Students especially from the marginal communities have showed a growing demand for harnessing the power of education to combat climate change. Not only students but parents of students studying in institutes of higher learning also raised their voices for classroom education on climate change. In the US, 80% of parents and in the UK 77% of parents support teaching climate change in classrooms. In the US, 86% of teachers believe climate change should be taught in classrooms while 69% of teachers in the UK believe the same. A survey conducted in Europe concluded with the fact that 57% of students wanted to learn more about climate change in classrooms. Initiatives like Fridays for Future movement and the subsequent organizing of Mock COP26 shows the unwavering support of students for classroom knowledge on climate change. In low economy country like Zimbabwe, Runeseu Primary School in collaboration with CARE Zimbabwe installed solar-powered water system. Not forgetting to mention our own alma mater St. Xavier's College, Kolkata has installed solar power plants, underground reservoirs, undertaken a plethora of green initiatives, which all saw tremendous support and encouragement from students, teachers, parents, alumni and other stakeholders.

**Samuel Mitra**

Faculty of Commerce Evening

**Chris Das, Risabh Jain, Anurag Khaitan**

B.com (Evening), 3rd year

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## Sustainable Development: An Educational Dogma

The concept of sustainable development has emerged as a guiding principle of our sustenance and survival, leading to the obligatory necessity for a harmonious coexistence amidst economic development, societal well-being, and ecological conservation. Acting as a pivotal framework for global progress, sustainable development is indeed a shared societal responsibility and demands proper education of current and future generations. Sustainable development, as a concept, traces its roots back to the mid-20th century.

However, it gained international prominence through the famous Brundtland Report entitled 'Our Common Future' in 1987, which defined sustainable development as 'development that meets the needs of the present without compromising the ability of future generations to meet their own needs'. This World Commission on Environment and Development (WCED) report laid the foundation for global discourse on sustainability, leading to key agreements such as the United Nations Framework Convention on Climate



Change (UNFCCC) and the Sustainable Development Goals (SDGs) in 2015.

The intrinsic and extrinsic values of nature, emphasising the concept of sustainable use of natural resources, have already been recognised in international declarations and conventions including the Convention on Biological Diversity (CBD), the Convention on Migratory Species of Wild Animals (CMS), the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), the Convention on Wetlands (Ramsar Convention), the World Heritage Convention (WHC), the Forest Principles, the Kyoto Protocol, the formation of International Union for Conservation of Nature (IUCN). The famous 1992 Earth Summit in Rio de Janeiro, Brazil, encompassing more than 178 countries, adopted Agenda 21, a complete plan of action to build a global partnership for sustainable development. Later, 2002 World Summit on Sustainable Development in South Africa re-endorsed the international multilateral partnerships. Poverty, pandemic events, loss of biodiversity, resource depletion, rising sea levels are interconnected global challenges that can only be solved through global participation. The seventeen SDGs denote an imperative call for action by both developed and developing countries, in a global blueprint for peace and sustainability set by United Nations General Assembly. The September 2015 UN Sustainable Development Summit in New York adopted the 2030 Agenda for Sustainable Development, entitled 'Transforming our world' with its seventeen SDGs with 169 linked targets.

The concept of 'Education for sustainable development' (ESD) refers to the educational purview of the UNESCO to the crucial and interconnected global challenges our planet faces. Learners need to equip themselves with the knowledge and skills needed to promote sustainable lifestyles, human rights, gender equality, promotion of peace and nonviolence, global citizenship and cultural contribution to sustainable development. ESD is about fostering critical thinking and problem-solving skills, as well as empathy and compassion for others. As sustainable development principles began to permeate international agendas, transcending national boundaries, the social awareness is capable of sustainable decision-making choices. The interdisciplinary educational approach will foster a future-oriented mindset among students, encompassing curriculum design, pedagogical methodologies and extracurricular activities. Field trips, excursions, sustainability projects, community engagement

activities, sustainable life skills, along with multimedia resources, documentaries, and technology, aid in connecting the theoretical concept to real-life situations.

ESD in the classroom scenario can be envisaged, in the form of (i) problem-based learning, whereby students work together to solve real-world sustainability challenges, (ii) project-based learning, whereby students may conduct research and develop projects on various aspects of sustainability, (iii) inquiry-based learning, whereby students ask questions and explore in-depth sustainability issues, (iv) cooperative learning, whereby students work and learn together, and (v) outdoor learning, whereby students may comprehend sustainability through hands-on or practical experiences. The educational institutions may promote a sustainable cultural ambience through sustainable practices in the cafeteria, classrooms, laboratories, nature clubs, and transportation systems. The institutions may promote eco-friendly management practices encompassing energy conservation, recycling, and composting.

The integration of sustainable development into education can bring forth empowerment, and instil a sense of global citizenship and environmental stewardship, encouraging responsible consumption in terms of ecological footprints. Mahatma Gandhi once stated, "Earth provides enough to satisfy every man's need, but not every man's greed". Such powerful message rightly re-emphasises the pervasive facet of contemporary pedagogy in sustainability. Sustainable development, has evolved into an educational dogma, fostering a responsible and sustainable future.

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**Dr. Priyanka De**  
Assistant Professor  
Department of Biotechnology





# Inclusivity In Education

Over the last decade, environment change has emerged as an eminent threat to the society and its hostility threatens to leave an everlasting impression on humankind in the near or distant future. Nonetheless, at this very instant, as we ponder the impacts of such changes, certain communities stand immediate victims of our past actions. They are more susceptible to the impacts of environmental adversities and climate change than most other communities, and their very existence will be in peril if immediate measures are not adopted to mitigate those impacts. These groups are commonly referred to as ecologically vulnerable groups. They not only include the farmers, fishermen, tribes and other indigenous groups but also the sick, old, homeless, infant and differently abled individuals, who do not possess enough power to withstand the severity of environmental degradation.

Social inclusivity and justice for these groups will serve as a vital stepping stone for achieving the main objectives of the sustainable development goals – social progress, economic growth and environmental balance. The primary step in instituting such a pragmatic change is inclusive education. Education for Sustainability is one of the most prominent sustainable development goals and, on being implemented sensibly, has the capability of fulfilling most of the SDGs. The idea of inclusion in education conveys a sense of change where something, which was previously excluded or omitted, is now being included in the system. Both formal and non-formal education plays an integral part in such a venture.

Formal education policies aim towards educating the students about the unique challenges faced by the ecologically vulnerable groups and present viable scientific solutions to tackle those threats. However, in the process of dealing with environment change, non-formal education is more useful than formal education in multiple aspects. It involves developing community-based projects to look after the welfare of the ecologically vulnerable groups and equip them with skills and knowledge to adapt to and mitigate the

impacts of environmental changes by offering them training in sustainable agricultural practices, disaster preparedness, and other relevant skills. The process integrates cultural perspectives, traditional practices and local and indigenous knowledge into environmental and sustainability education. It strives to promote inclusive policy making and advocates for the involvement of the ecologically vulnerable groups in making decisions for themselves.

From the legal perspective, environmental law should be promoted among budding lawyers as environmental degradation has become one of the gravest issues in today's world. Lawyers should advocate for safeguarding land and resources legally in order to reduce degradation and preserve the natural habitat of the indigenous groups dwelling in areas under environmental threat. Gender-related vulnerabilities within ecologically vulnerable communities should be addressed and immediate steps should be undertaken to recognize the specific challenges faced by women and girls and gender-inclusive approaches in education and sustainability should be promoted among those communities. Furthermore, appropriate measure should be adopted to ensure that the ecologically vulnerable groups get equitable access to natural resources and support services, such as healthcare and education, which can help improve their resilience to environmental challenges.

Promoting inclusivity and justice of ecologically vulnerable groups in education and sustainable development is not only a matter of educational equity but also a critical step in addressing environmental challenges and propagating sustainable development for all. The entire idea is based on the premise of fostering a sense of inclusivity among those groups so that they can protect themselves and play their part in protecting the environment and helping in economic and social progress of the society. It requires a holistic and collaborative approach that empowers these communities and respects their rights and wisdom in managing the environment.

**Ankita Sarkar**  
B.Sc 1st Year



# Automated Minds, Monochromatic Souls: The Potential And Costs of Artificial Intelligence

“AI cannot snatch your job, but, people well-versed in AI will. Shocking but it’s the Truth” said Elon Musk when he was asked about the incidence of AI-ML; 10 years from now.

This decade (2020s-30s) is the decade of technological marvels- be it the expansion of 5G technology, extension of satellite linked communication service and the news buzzword- Artificial Intelligence (AI). Despite being unregulated in the Indian scenario, AI has immense potential to revolutionize the field of education. We live in a world with no boundaries, where the possibilities are endless, known as ‘the era of automation’. Classrooms are not mere rooms within closed doors; they are the means of opening many doors. Today, students and educators alike believe that education is not just about learning- it is about gaining knowledge in an immersive way so that one can remember things lifelong. Indian education system adopted and sowed the seeds of digitalization from the mid 2010s with schools and colleges alike, setting up smart boards and projectors in classrooms. Teaching pedagogy witnessed a multi-fold change with educators being trained to use digital aids like the Microsoft Office Suite (primarily; MS Word, PowerPoint and Excel) and presentation and video-conferencing, et al. But, the two-year long global pandemic of COVID-19 and the implementation of NEP, 2020 ensured that the educators adopt the digital way of doing things, including teaching and assessment of grades! Crawling up the book racks of the library and preparing personal notes from thick books often seemed an unattractive option for the fast-paced thrill-seeking Generation Z (Gen-Z). Educators, without an iota of doubt, always try their level best to impart quality education to their students ; but; it is seen that students often shun digital study materials like PPTs and PDFs since they are boring and less immersive. So, what can be done? Well, there’s always a way out.

Schools and colleges can find it handy to reduce administrative workload of educators through automation. Since, a picture speaks more than a thousand words; focus

must lie more on generating immersive visual data, like, flowcharts and mind maps. From generating mnemonics, preparing flashcards, interactive quizzes and questions to making long texts short- AI powered tools can make learning experiences engaging and immersive. These tools have been programmed in a manner so that the magic of NLP (Neuro Language Processing) works like a charm. Even by using the free version or shelling out few pennies, educational institutions can enrich learning experience through generating short concept videos, interesting mnemonics, short quizzes, et al. with the power of AI. After a particular concept has been discussed, extrapolative sessions can be conducted in the form of classroom seminars so that a wide variety of insights can be generated. This should be followed by a short recap video after which students may given a short quiz to attempt and chalk out topic wise strengths and weaknesses. However, one may argue stating that following this procedure is not pragmatic since it is time consuming. Well, this problem can be sorted out by developing and maintaining a dedicated LMS (Learning Management System); wherein students can track their progress in a real-time manner. Though this process requires an initial one-time investment of hiring cloud storage and technical solution providers and data security experts; the associated benefits are immense. We know that data is the new oil. Thus, educational institutions can integrate AI-ML models with data analytics to track student-wise progress across various rooms/sections/streams/courses and generate complex and comprehensive insights about the students’ profile(s) in a jiffy. This eases the process of identifying students that require extra attention.

However, the use of AI as a tool has raised tons of ethical, philosophical, and technological questions. Students at large misuse these tools for completing assignments and submitting them in a jiffy without researching and knowing anything about the topic. Machine Learning (ML), a part of AI has a major role in voice-based scams (like the “Hi Mum”





Scam) where voices of near and dear ones are mimicked, and billions have been swept away from bank accounts without any trace. Image generation, File conversion, Image editing using AI in just a few seconds have been misused in many cases to malign, troll and bully people. Deepfakes, which observe and analyze your facial, muscular, and neural patterns are used to generate fake videos that contain actions or statements not done by the protagonist of such videos.

However, through naked eyes, it becomes very difficult to identify what is original and which one is fake. Strict guidelines have been issued by various institutional bodies at the micro and macro levels on the dos and don'ts pertaining to use of AI. To sum it up, in this era of AI-driven education, it is crucial to remain vigilant, adhere to ethical principles, and commit ourselves to responsibly harness the potential of technology. This will ensure a future where education shakes hands in harmony with innovation.

**Soham Sen**  
B.Com, 3rd Year

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## Combating Climate Change in The Classroom

Landslides, wildfires, and floods have become a daily occurrence. Yet, we are failing to act on this impending emergency in a meaningful and organised manner. In 2018, Swedish teenager Greta Thunberg launched a school strike to raise awareness on the climate crisis. The youth-led movement snowballed, with children and teens taking to the streets across every continent. As we confront climate change, we need to consider the future of those most likely to suffer. Children are the least responsible for climate change, but they are also the most likely to suffer in various ways. According to a 2022 report by UNICEF, about 80% of the Indian youth believe their education has been affected by climate change. Climate change is a major concern for India, as the country is set to experience rapid population and urban growth in the next decades.

Climate disasters often have a direct impact on schools, infrastructure, and the stability needed for uninterrupted education. For example, in 2018, floods and mudslides in Kerala had a significant impact on schools and students, affecting 1,613 and 86,634 respectively, resulting in the loss of books, bags and other learning materials. Similarly, in 2019, Odisha's cyclone Fani caused damage to 6,791 schools, with the state's education department suffering a loss of Rs. 417 crore.

Adaptive learning is an approach that shifts the emphasis away from standardised lesson plan delivery. Such strategies

help address the immediate challenges of discontinuity in education.

Innovative infrastructure, taking into account local geography and pre-existing infrastructure, can help address the challenges of discontinuity. Bangladesh, for example, has floating schools, which allow students from flood-prone districts to attend school on solar powered boats.

New Zealand, Italy, and Britain have already included climate change studies in the secondary school curriculum. At November's COP26 summit, India's Prime Minister said there is an "urgent need to include climate change adaptation policies" in the syllabus.

There is currently no climate change curriculum in India, however some issues such as sustainability are included in environmental studies, which is required in schools and universities. The environmental curriculum emphasises on nature and outdoor education but does not address how anthropogenic acts contribute to climate change or how students may prevent it. Climate change and related subjects are abstract and difficult to grasp. It is not enough to preach moral messages or provide definitions. These ideas and issues must be weaved into whatever is taught. Climate change must be made personally relevant. Children who are aware of the implications of unsustainable growth are more likely to pursue a more environmentally responsible lifestyle.



Climate change education in schools involves fundamental and potentially controversial questions about the purpose of education and the nature of childhood. We're expected to teach kids about the world. But what if, in doing so, we terrify them with climate change facts? Only exhibiting a bleak future image will almost likely have a negative psychological impact. Schools must emphasise that there are solutions, and that our individual and collective actions may make a significant difference.

There are other challenges. There are huge differences between underfunded government-run schools and wealthy private institutions, making it even more difficult to integrate climate instruction across the board. It is easy to say that schools should provide more outdoor time and practical activities, but the reality is that this is not possible in many underprivileged schools in India. More than a curriculum, schools must be supported in order to bridge this divide.

Education is critical for the workforce required now, as well as for young people who will face the accelerating reality of climate change. Higher education institutions can overhaul

the existing curriculum to help students obtain the skills needed for green careers. The United Nations Environmental Programme's GEO-6 for Youth digital guide emphasises skill mismatch as a barrier to the transition to green careers. Education can be used as a tool to create powerful, impactful communications and stimulate climate change innovation projects. Institutes might also reconsider their daily choices by putting effort into environmentally friendly transportation, limiting the use of printed educational resources, and monitoring food waste in cafeterias. State and national laws can help by mandating that educational institutions of a particular size can obtain a specific percentage of their power from renewable sources. Prioritising those differentially affected by climate change, such as females, low-income families, and those living in climate hotspots, is critical for the distribution of funds.

Exposing pupils to climate discourse at a young age raises awareness, instils civic responsibility, and encourages climate-responsible behaviour. Furthermore, it can emotionally prepare for future shocks caused by the crisis.

**Trisha Das**

Department of Microbiology  
3rd Year



# Obituaries





## R.I.P.



**Mr. Bidyut Kumar Saha**  
Support Staff in the Physics Laboratory  
passed away on 12th February, 2023



**Mr. Ajoy Phulmali**  
Support Staff working in the College Canteen  
passed away on 22nd February, 2023.



**Himanshu Mall**  
3rd Year student of Economics (Honours)  
passed away on 11th May, 2023.



**Nihar Agarwal**  
2nd Year, Semester-III student from the  
B.Com. (Morning) Department  
passed away on 30th September, 2023.





**St. Xavier's College (Autonomous), Kolkata  
Raghabpur Campus**



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

**30, Mother Teresa Sarani, Kolkata - 700016**

