

College Prayer Song

I am carrying you on my eagle's wings
I am leading you to eternal springs (refrain)
Lord, my life is filled with peace and love divine;
By your countless blessings, every day does shine;
Cradled like child, I'm safe within your arms;
Guarded I'm and fearless, from life's every harm.
I am carrying you on my eagle's wings,
I am leading you to external springs (refrain)
Failures and successes cross my life's long way;
From all devious turnings, keep me straight I pray;
Like a wayward child, I'm fickle, proud and vain;
From you when I stray, bring me back again.
I am carrying you on my eagle's wings,
I am leading you to eternal springs (refrain)
Months and years of College, they keep passing by;
Helping to achieve the goals before me lie;
Wisdom sure and clear, to light up darkest ways;
Values steer safe life's bark, midst all stormy days
I am carrying you on my eagle's wings
I am leading you to eternal springs (refrain)

Text & Music by: **Fr. Arthur Rasquinha, S.J**

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North Bengal St. Xavier's College • XPRESSIONS • 2021-2022



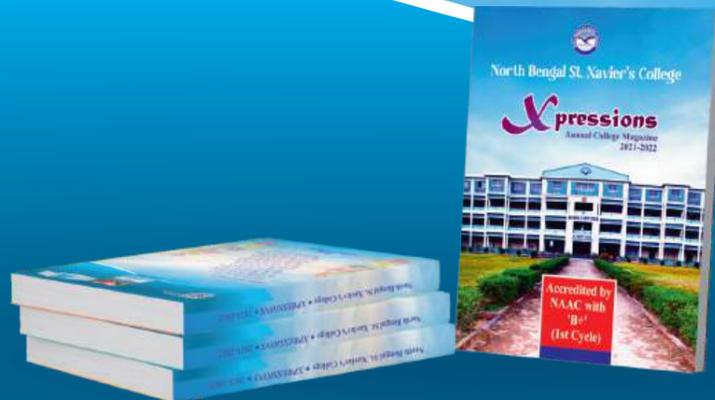
North Bengal St. Xavier's College

Xpressions

Annual College Magazine
2021-2022



Accredited by
NAAC with
'B+'
(1st Cycle)





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North Bengal St. Xavier's College

A Jesuit Institution

A CO-EDUCATIONAL CATHOLIC MINORITY COLLEGE
AFFILIATED TO THE UNIVERSITY OF NORTH BENGAL
INCLUDED UNDER 2(F) AND 12(B) OF UGC ACT 1956

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CONTENTS

- **Message from :**
 - The Provincial of Darjeeling Jesuit Province i
 - The Registrar, University of North Bengal ii
 - The Principal iii
- **Editorial** iv
- **Principal's Annual Report 2021-22** 1
- **Closing of Ignatian 500 Jubilee Year** 8
- **Departments**
 - English 9
 - English & Sociology 15
 - Sociology 19
 - Geography 28
 - Political Science 35
 - History 40
 - Commerce & Management 45
 - Botany 52
 - Microbiology 57
 - Zoology 60
 - Computer Science & Application 65
- **Club / Cell / Committee**
 - IQAC 66
 - Women's Cell 68
 - NSS 70
 - NCC 73
 - Social Service Cell 76
 - Career & Placement Cell 78
 - Music Club 81
 - Nature Club 82
 - Quiz & Debate Club 84
 - Sports Committee 85
 - Cultural Committee 87
 - IGNOU 95
- **Life in the Universe : Absurd or Obvious** 97
- **Students' Corner** 99
- **Thus Spake the Press** 114



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MESSAGE

A college magazine is an eloquent expression of the progress and outstanding achievements that a college has to its credit. It highlights the quality of education and extra-curricular activities that a college undertakes to develop all round personality of the students.

I am sure that the students of North Bengal St Xavier's College will be benefitted to a large extent by the contents of this magazine. The readers would be greatly benefitted as the contents are going to unfold for them not only new information on various literary and scientific topics but also on progress made in the academic and non-academic field.

I am sure under the leadership of Fr Lalit Tirkey, the Principal, the college will reach the zenith of progress and achievements with an emphasis on the process of learning characterized by creativity, thinking and knowledge.

I heartily congratulate all those who have worked hard to bring out this magazine.

With my best wishes to the Principal, staff and students of North Bengal St Xavier's College.

Place: Matigara
Date: 13 September 2022



Fr Wilfred Lobo, S.J.
Provincial
Darjeeling Jesuit Province

UNIVERSITY OF NORTH BENGAL

Accredited by NAAC with Grade B++

Prof. (Dr.) Pranab Ghosh
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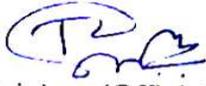
MESSAGE

It is a matter of great pleasure to learn that St. Xavier's College, Rajganj is going to publish its annual magazine.

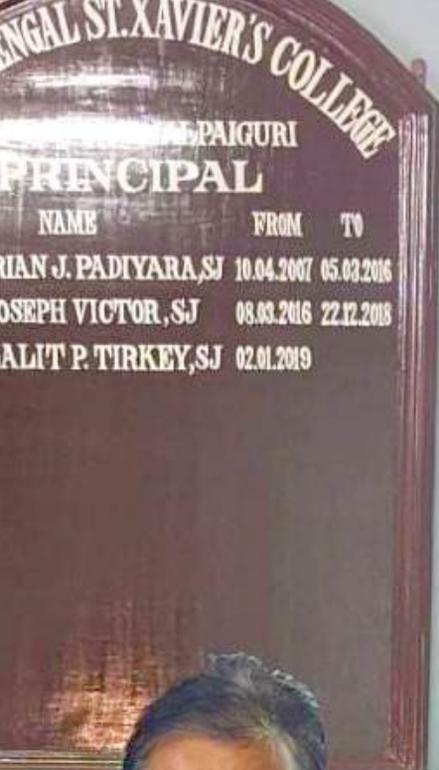
The College magazine is a productive component to exhibit the creative ideas and literary skills of the students, faculties, staff and all other stakeholders.

I applaud the editorial team for the hard work and dedication they have invested to publish the Annual Magazine and I wish all success.

The Principal
St. Xavier's College
Rajganj


Registrar (Officiating)
University of North Bengal

Registrar (Officiating)
University of North Bengal



NORTH BENGAL ST. XAVIER'S COLLEGE

RAJGANJ / SILIGURI CAMPUS
WEST BENGAL

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Accredited by NAAC with B*(1st Cycle)

Message from the Principal

It is a great pleasure for me to note that the editorial team is coming out with much awaited annual magazine *X-pressions*. As the name suggests the magazine provides appropriate platform for expressing one's ideas, thoughts, views and creative arts besides exhibiting literary skills of budding as well as the accomplished writers and poets. It also provides a forum for penning down the collection of reports of yearly activities from various departments and cells/clubs accompanied by colourful photographs that remain etched in the collective memory of the readers for years to come. During the three- year college life, a platform such as this literary magazine, is an invaluable arena of voyaging through deep waters of profound insightful prose writing and innovatively penning down poems that often transcend human minds. I congratulate all the contributors both staff and students who have played significant role in enriching this year's magazine in the form of creative writing or reporting different events and activities of the college and departments/cells.

And now that the college is traversing into 15th year of her glorious existence and continues the academic journey through thick and thin, I am sure there will be moments of looking back the past with nostalgia. Those unforgettable moments will beacon the entire college fraternity as well as the alumni/ae along with numerous well-wishers to cherish the bygone years with pride and brace for greater academic all-round achievements in the coming days. I invite all those associated with this institution of higher learning to come together and give our best thereby, making this college a modern temple of learning through our diligence, devotion and dedication.

I take this opportunity to once again congratulate the chief editor and his dedicated editorial team for their stupendous efforts for painstakingly collecting all the materials and bringing out this edition of the magazine.

Best wishes and God bless all the readers!

Fr (Dr) Lalit P. Tirkey, SJ



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Editorial

Very much like its preceding year, 2021 had also been a tough year for all of us. With the advent of the second wave of pandemic, we were yet to return to our 'normal' life. In spite of all challenges and crises, North Bengal St. Xavier's College had been consistently uncontaminated in pursuing academic excellence. The administration, faculty members and students of the college were attuned to the online mode. However, the regular academic activities in the college had fortunately resumed from March, 2022 and this necessarily had given us a sense of relief and unbound. It is also a matter of utter pride and prestige that in its first cycle, North Bengal St. Xavier's College had been awarded with 'B+' by NAAC in 2021-2022.

The College Magazine of North Bengal St. Xavier's College, *Xpressions*, has ceased to remain 'annual' in its strictest sense of the term owing to various causes, especially the pandemic scenario and its subsequent lockdown phases. However, it keeps its promise by offering a platform to students to express their creative impulse. In fact, the current edition of the magazine is an expression of the activities taken place in 'blended mode'. Abiding by the values and ethics of the college, *Xpressions* perpetuates its readers' interest and authentically pages the kaleidoscopic life of every xaverian. Our annual college magazine offers a space in which our students, administration and staff join together for striving towards excellence. Since its inception our college has been showing adherence towards its heritage by way of paying commendation to the spirit of tolerance and humanism.

Expression of any creation is impulsive. Hence, *Xpressions* authentically records the creative

potency of the students of the college, abridges the memories of the past, and brings forth the spell of present. Despite all shortcomings, *Xpressions* will forever remain a glossary of adventures of North Bengal St. Xavier's College. I would like to take this opportunity to express my profound gratitude to Rev. John Wilfred Lobo, SJ, the provincial, Darjeeling Jesuit Province and the President of the Governing Body of the college, our principal Rev. Dr. Lalit P. Tirkey, SJ, Dr. Pranab Ghosh, the Registrar (Officiating), University of North Bengal, Fr. Bijay Kirti Kindo, SJ, Vice-Principal (Administration), Rajganj Campus, Dr. Aparna Chatterjee, Vice-Principal (Academic), Rajganj Campus, Ms. Sanjukta Mitra, Vice-Principal, Siliguri Campus and Ms. Nitya Rai, the Dean of Students. This magazine would have remained a mere dream without their constant support. I convey my sincere thanks to all the members of the Management, Heads of the Departments, Convenors of different Clubs and Cells, Teaching and Non-Teaching staff members for extending their hands of cooperation. I would personally like to congratulate our editorial board members for turning the idea into a matter. Last but not the least, I express my hearty thanks to our affectionate Xaverians for all their efforts and attempts especially amidst this prevalent crucial time. I dedicate this edition of *Xpressions* to all the members of our Xaverian family. Congrats to us!

As for now, over to the readers!

~ **Soumyadip Ghosh**
The Chief Editor,
Xpressions



Principal's Annual Report

2021-2022

Dear teaching and non-teaching staff, parents, guardians, well-wishers and students a very good morning and a hearty welcome to all of you for the X-celence Day. On this day I feel honoured to welcome in our midst the hon'ble Chief Guest of the day Prof (Dr) Pranab Ghosh who is the Officiating Registrar of North Bengal University. Respected sir, thank you very much for sparing some of your precious time in order to be with us. Your presence will definitely motivate and inspire our students to perform even better in their academic as well as non-academic fields and certainly in their lives. Hearty welcome to all of you parents and guardians who have come to witness your wards being awarded & felicitated for their performances.

Today is a very significant day for all of us gathered here as we celebrate our 13th College Day-popularly known as X-celence Day when we felicitate the awardees and celebrate the achievements of both students and staff in academic as well as non-academic fields. I congratulate toppers and achievers in studies and outstanding performers in non-academic fields.

Annual Report 2021-22

On this wonderful day, I deem it an honour to present before you our Annual College Report of the year 2020-21 documenting achievements and developments.

As I look back, I realize how the first part of the Academic Session was marked by continued lockdown due to pandemic, setting uncertainty and creating perhaps one of the most difficult phases of our educational life. The 2nd half of November 2021 came as a blessing when the in-person classes were permitted by the state govt until the end of the year. The dawn of the New Year did not prove to be harbinger of good news as govt announced yet another indefinite lockdown thereby depriving the enthusiastic bunch of students from continuing their physical classes. However, with a paradigm shift in imparting of education through use of virtual mode, staff and students went back to the comfort zones of their homes until March 2022 when after the end of online exams, in-persons classes commenced with surety keeping the invisible enemy at abeyance. I will now enumerate various academic and non-academic activities that were carried out during the academic year despite many hurdles.

1. Institutional NAAC Accreditation with B+ (1st Cycle)

One of the most remarkable events during and despite the pandemic was the accreditation of the college. In its 13 years of existence the college finally completed its accreditation process for the 1st Cycle by National Assessment and Accreditation Council after the visit of NAAC Peer Team on 10th and 11th September, 2021. The Peer team was led by the chairman Prof (Dr) Ramesh Pandey, two-time former Vice Chancellor of Ranchi University. At the end of the visit the College was accredited with B+ which was commendable achievement considering the pandemic restricted movements when

the work was undertaken and unsurmountable challenges of procuring many supporting documents as proof of programmes and activities conducted by the college in the past. College NAAC Core Committee involved in the process is determined to get higher grade in the next cycle.

As a follow up of the NAAC assessment we have submitted our 1st AQAR (Annual Quality Assurance Report) for year 2020-21.

2. Academic Performance of our Students

The number of university rank achievers from our college is on the rise and every year we get some university toppers. However, due to the home bound/take homeonline mode of exams followed by evaluation of answer scripts by faculties of respective colleges, there was a huge surge in marks obtained by almost all students. Considering new situations which didn't give rise to fair competition, university decided not to place students in various categories of merits, such as gold medallists or silver medallist, at the end of the academic session. Nevertheless, I congratulate each student for bravely coping up with an extraordinary situation and unprecedented circumstances to write the exams, thereby exhibiting great resilience in adversities.

Exam Results for year 2020-21

Rajganj Campus

SEMESTER BATCH / CBCS SYSTEM (2020-21)						
COURSE	STUDENTS	O	A+	A	B+	F
B.A. (H)	127	0	13	57	55	2
B.COM. (H)	42	0	3	23	16	0
B.COM. (P)	10	0	0	0	8	2
B.SC. (H)	71	7	31	19	10	4
TOTAL STUDENTS	250	7	47	99	89	8

1+1+1 OLD SYSTEM (2020-21)			
COURSE		1st CLASS	2nd CLASS
B.A. (H)	5	1	4
B.COM. (H)	1	1	0
B.COM. (G)	1	0	1
B.SC. (H)	9	8	1
TOTAL STUDENTS	16	10	6

SEMESTER BATCH / CBCS SYSTEM (2020-21)						
COURSE	STUDENTS	O	A+	A	B+	F
B.BA. (H)	12				12	
B.COM. (H)	17			11	6	
TOTAL STUDENTS	29			11	18	0

3. Achievements by Teaching Faculty

Five of our faculty members, after having successfully defended their doctoral thesis, received the Doctor of Philosophy (Ph.D) Degree in 2021-22, They are:

Dr. Aparna Chatterjee (Dept of Sociology) with the title, “Theravadi Buddhists of Siliguri: A Study of Socio-Cultural Distinctiveness and Exchange”.

Dr. Haimanti Barman (Dept of Bengali) with the title, "Jyotirindra Nandi choto golpo: Jibon-Jignyasar Bohumatrik Roop Anweshon".

Dr. Baidurya Biswas, (Dept of Geography) with the title, “Effects of Terrain characteristics on land use land cover in Sanka River Basis (West Bengal and Jharkhand)”

Dr. Soumya Mitra (Dept of Geography) with the title, “Socio-Economic status and adaptation of migrant workers from the plains to Sikkim’s informal sector: Studies on Singtam and Rangpo Towns”.

Dr Deepika Majumdar (dept of Microbiology) with the title, “Studying the effects of plan growth prompting Rhizobacteria on the growth and seed yield of Brassica campestris L. (Mustard Plant)”.

We congratulate all the five Doctors for achieving this great feat!

Good news is that there are half a dozen of our teachers who are either on the verge of submitting their doctoral theses or awaiting their report from external experts before thesis defence while about a dozen more are either pursuing Ph.D at different stages or starting their course works. We wish all of them a great success!

4. Publication in Journals and/or Books

During 2020-21 Dr. Aparna Chatterjee’s 1 article was published in South Asian Anthropologists and Dr Dipika Mazumdar, along with her colleagues published 3 scientific articles in 3 journals, namely Functional Plant Biology, Journal of Plant Nutrition and Scientific Reports.

Again during 2020-21, Dr. Bipranch Kumar Tiway’s 3 chapters were published in Edited Volume, Dr Dipika Mazumdar’s 1 chapter and also Fr. Lalit P. Tirkey’s 2 chapters were published in edited books.

5. Recognitions/Achievements by our Teaching Faculty:

Five of our faculty members were approved/appointed as Supervisors or co-guides by the University of North Bengal to supervise Ph.D Scholars or doctoral students. They are: Dr. Chandrani Choudhury & Dr. Sourish Das Gupta (in Dept of Botany), Dr. Bipranch Kr. Tiwary (in Dept of Microbiology), Dr. Asim Mitra (Dept of Life Long Learning) and Fr (Dr) Lalit P. Tirkey (HRDC-Economics).

WB Higher Education Council awarded NSS unit of our College as the Best NSS unit award in 2020. Dr Baidurya Biswas, was awarded the best NSS Programme Officer for 2020.

6. Major College Events

Our college organized various events on virtual platforms and later physical platform during the academic year 2020-21 and 22. Here are the details of some events:

Farewell to Graduating students: Final Year graduating students were given Farewell on the Online mode. The programme was pre-recorded and was uploaded onto Youtube and College Facebook for the viewers to watch the programme sitting at home.

Similarly, Orientation of Freshers was conducted using virtual platform

On 27 August, Young Teachers' Orientation was conducted using virtual platform where Fr Dr Daniel Bara, the 1st Principal of St Xavier's College, Lengpui, Aizwal, was the resource person.

7. Conferences / Seminars / Workshops

The year witnessed different workshops being organised:

7.1. International Seminar

Perhaps for the first time in the college, Dept of English and Sociology jointly organised a 2-day International Seminar on, 'Revisiting Partition: Social, Cultural and Literary Context(s)' on 30 and 31 May, 2022. While Prof (Dr) Sayeed Ferdous from Jehangir Nagar University, Dhaka was the keynote speaker, there were hosts of other eminent and distinguished speakers who spoke on the occasion.

7.2. Departmental Workshops/Seminars

Our college values continuing education and encourages the departments to organize seminars and workshops; thereby, creating opportunities for both faculty and students to develop themselves professionally and disseminate knowledge. Taking advantage of physical classes from March, 2022, several activities were conducted by different departments. Here are the details:

- Dept of Sociology: On 30th November, 2021, organised a E-Lecture on 'Covid-19 Pandemic & Lockdown: The Plight and Humanitarian Crisis of Migrant Workers in India'.
- On 14th December, 2021, organised a Special Lecture on 'Gender & Media' by Dr. Sourini Banerjee, Dept of Visual Communication, The American College, Madurai.

- On 3rd and 4th June, 2022, organised a 2-day workshop on 'Visual Sociology' in collaboration with Surya Sen Mahavidyalaya, where the resource person was, Mr Sourav Sarkar, a nationally acclaimed film maker and social educator.
- Department of History, On April, 2022, organised an Invited Lectures on 'Colonial and Post-Colonial Periods, wherein a professor each from Pacham Barman University, Cooch Behar; Dr. Taithi Sarkar, University of North Bengal and Principal of Siliguri College were the special speakers.
- Department of Commerce & Management, on 1st February, 2022, organised a workshop on, "Mutual Fund and Stock Broking Industry" in collaboration with Prudent Wealth.
- On 20 May, 2022,organised students' workshop on GST where the resource person was Vishal Jain (CA) from the Institute of Chartered Accountant of India.
- On 10th& 11th June, 2022 organised a 2-day workshop on 'Research Methodology & Time Series Data Analysis' wherein the resource persons were Prof. (Dr.) J. K.Das, Dean, Department of Commerce, University of Calcutta and Dr. Amlan Ghosh, Associate Professor, Department of Management Studies, NIT, Durgapur
- Students of BBA (Siliguri Campus) participated in St. Xavier's Kolkata organised XMC'22 (Xavier Management Convention) an online annual completion involving management students
- Department of English: on the 8th of October, 2021, Organised Special E-Lecture titled "The Practice of Humanities and Voices at the Margin: The Case of Indian Anglophone Muslim Novels" by Dr. Mosarrap Hossain Khan, O. P. Jindal Global University, India.
- on the 17th of December, 2021, organised Special E-Lecture titled "Diasporic Hereafters: The Dialectics of Culture and Identity in the context of Indian Diaspora" by Dr. Auritra Munshi, Raiganj University, India.
- on the 20th of May, 2022, an Offline Special Lecture was organised titled "Nature Talks" by Ms. Kaushani Mondal, University of North Bengal, India.
- Dept of Geography: on 14th Dec 2021 organised an Online Special Lecture on 'Earth and Evolving Planet'where the speaker was Debadita Bandhopadhyay, a post-doctoral research fellow,the University of Tokyo, Japan.
- Department of Zoology: on 23rd August, 2021 organised a E-seminar titled, Bio-tech start-ups reshaping career & healthcare innovation in India: Challenges & Opportunities' having Dr Neera Singh as the speaker.
- On 29th August, 2021 organised an E-seminar titled 'The role of gut microbiota in human health and disease' having Dr. Priyankar Dey as the speaker.
- On 30th August, 2021 again organised a E-seminar titled'Life in the universe: Absurd or obvious' with our own Dr Tamal Mazumdar as the speaker.
- On 20th January, 2022 organised a E-seminar titled 'Amelioration of tress by nutritive substance' with Dr. Partha Sarathi Nandi as the resource person.

8. Major Activities organised by Cells and Clubs

Our many clubs, cells and committees are always organising activities by involving the staff, students and other stakeholders:

- On 28th March, 2022, NSS volunteers participating in Unplastic Mahananda Cleanathon
- Nature Club conducted Earth Day by inviting some speakers and especially organising Poster Competition on the theme: Plastic and Pollution.
- Again, on 6th June, 2022, Nature Club led the celebration of World Environment Day by Tea & Tree Plantation involving administration, staff and students.
- Social Service Cell of the college organised awareness drive among the our neighbouring Balaigacch women folks
- On 11th April 2022, BBA organised an Industrial Visit at Zydus Healthcare Ltd., Sikkim

8.1. Social Outreach Programme

- **Relief Work during Pandemic:** During the 2nd wave of Covid-19 which once again either forced partial or complete lockdown, the college reached out to the needy people through relief measures in Shikarpur Tea Estate, Jamurivita village, Pabnikheri village and also at Din Bazar in Jalpaiguri Town where apart from dry ration, face masks, hand sanitizers were distributed while also simple medical assistance and medicines and tablets like Paracetamols were distributed to those suffering from fever.
- **Free Vaccination Drive:** Once again during the 2nd wave of Covid-19, College organised two Free Vaccination Camps supported by its parent body- Darjeeling Jesuits of North Bengal. In the 1st Vaccination camp on DATE 270 people from neighbouring villages such as, Balaigacch, Kheripara, Hatimore, Shikarpur TE and Jamurivita besides our non-teaching staff were administered Covishield 1st doses by Neotia Getwell Health Centre, Siliguri,. In the 2nd Vaccination Camp on August 28, 2021, administered by Medica North Bengal Clinic, Siliguri, 570 poor people were given 1st dose of Covishield.

9. Infrastructural Development:

Despite the Covid-19 induced pandemic curtailing many physical activities, our college witnessed continued infrastructural expansion and growth:

- During this period, the Second Block of the college named Loyola Block was completed. The second block which has been added after about 13 years of the existence of main college building has been connected with Loyola Block using Skywalk.
- Now the focus has shifted to the construction of the 3rd College Block. Already concrete slabs have been laid for two storeys.
- Jesuit Fathers, too received their much-awaited and needed residence in the form of new Xavier Niwas after living in Baalwadi building for nearly 13 years.

- In order to conserve hydroelectric power, and to fulfil the college' motto of 'green and clean campus' on-grid rooftop solar panels were installed which is in addition to the 5 kw off -grid solar panel installed the previous year.
- In the month of April, 2022a new basketball court was constructed.
- In Conference Hall & Auditorium too new sound systems were installed.

10. Administrative Changes and Faculty Appointments

Towards the end of 2021, Fr. Bijay Kirti Kindo SJ replaced Fr. Xavier Alangaram SJ as the Vice Principal (Administration). He was also given additional charge of Estate Manager after the sudden transfer of Br. Broney Chettri.

The following new faculty members joined the college during 2021-22 academic session: Dr Payel Paul and Mr Subash Gupta (Dept of Botany); Miss Thinley Tshering Bhutia (Dept of Political Science), Miss Doma Diki Bhutia (Dept of Sociology), Mr Subham Mandal (Dept of English), Mr Sumon Dey (Dept of Computer Sc).

11. Future Plan:

- The most important plans are in the form of implementing the NAAC recommendations for creating Research Culture, Integrated Research Centre as well as conducting many national and international seminars and conferences.
- Depts of Humanities & Social Sciences are working on the publication of an edited volume- which is going to be first of its kind.
- Plans are afoot to construct a girls' hostel.

Last word:

It is an enduring tradition to take time to pause, turn around to look at the fruitful year gone by, achieving both the expected and the unexpected, while setting various milestones and then synergizing ourselves to move ahead to face the challenges in the coming year, with a positive attitude. We thank the Almighty God for all the blessings bestowed upon us year after year, especially during the academic year 2020-21/22.

Our eyes are now on the next year when the college completes 15 years of its existence. In coming days and months, we look for embracing changes, navigating decisions with a steady hand, and focusing on our strengths—it's all part of our commitment to intentional transformation. Let us continue our march and achieve the goals set before us.

Thank you and God bless you all !

Rev. Dr. Lalit P. Tirkey, SJ

Principal



Ignatius 500

Closing of Ignatian 500 Jubilee Year

Last year on 19 May 2021, the Jesuits and their collaborators across six continents started 500-year jubilee celebration of the conversion of St. Ignatius of Loyola by commemorating his Cannonball Moment that had turned out to be a remarkable event especially in the history of Europe. To mark the occasion and joining other Jesuit institutions in celebration, our college organised the following programmes: i) A One-Day recollection and sacrament of reconciliation for the AICUF students of the college wherein the resource person was Fr. Fredrick Baraik, SJ who also happens to be the former provincial superior of Darjeeling Province as well as second Vice-Principal of the college. ii) Participation of two Jesuits namely Fr. Bijay Kindo, SJ and Fr. Deven Yonzon, SJ followed by two faculty members, Dr. Pavanbir Kaur and Ms. Persis Mukhia in a Three-Day Ignatian Leadership Programme organised at Jesuit Provincial Curia, Matigara. iii) The same four persons then gave half-a-day Ignatian Leadership to all the teaching and non-teaching staff of the college on 28th August. iv) Earlier in the month, as a part of the teachers' orientation, Fr. Lalit P. Tirkey, SJ, the Principal, gave a presentation on

'Jesuit/Ignatian charism and a brief background to Jesuit Education' to the junior faculty (upto 5 yrs) followed by Mr. Prasun Banerjee speaking on 'The Role & Relevance of Ignatian Pedagogical Paradigm in Education.' v) On 29th July, all the Xavier Niwas Jesuits and three faculty members, namely Dr. Bipranch Kr Tiwary, Dr. Pavanbir Kaur and Ms. Persis Mukhia joining five hundred others in the closing ceremony of the Ignatian Jubilee Year which was held at Provincial Curia, Matigara. vi) On 31st July, the college culminated the Ignatian Year Jubilee with the Eucharist on the Feast of St. Ignatius of Loyola presided over by the Bishop of Jalpaiguri Diocese, Rt. Rev. Clement DD.

Rev. Dr. Lalit P. Tirkey, SJ

Principal

Brief Webinar Report On “The Practice of Humanities and Voices at the Margin: The Case of Indian Anglophone Muslim Novels”

The Department of English, North Bengal St. Xavier's College, Rajgang conducted a webinar titled “The Practice of Humanities and Voices at the Margin: The Case of Indian Anglophone Muslim Novels”. It was conducted on the 8th of October, 2021. The keynote speaker was Dr Mosarrap Hossain Khan, Assistant Professor of English, Jindal Global Law School, Haryana. It was executed on an online platform with around 90 students present during the lecture.

The objective of the lecture was to acquaint the students with the Indian Anglophone Muslim Novels and the pertinent issues. The webinar was started by Mr. Soumyadip Ghosh, Organising Secretary and the Head of the Department. Dr Aparna Chatterjee, Vice Principal, delivered the introductory speech followed by Dr Bipranch Kumar Tiwary, IQAC Coordinator. Dr Mosarrap Hossain Khan, the keynote speaker, talked about how amidst multiple divisions in India, one of the ways of dealing and delving into the Muslim life is by reading Muslim novels. He considered reading novels as a humanistic practice which helps the dispelling of hatred and ignorance. Mr Prasun Banerjee and Mr Rajarshi Bagchi briefly discussed the topic. Students like Agnidipto Roy and Koyena Choudhury asked a few interesting questions to Dr Mosarrap Hossain Khan. The successful event was wrapped off by the vote of thanks delivered by Mr Subham Mandal.

~ **Subham Mandal,**
Asst. Professor, Dept. of English

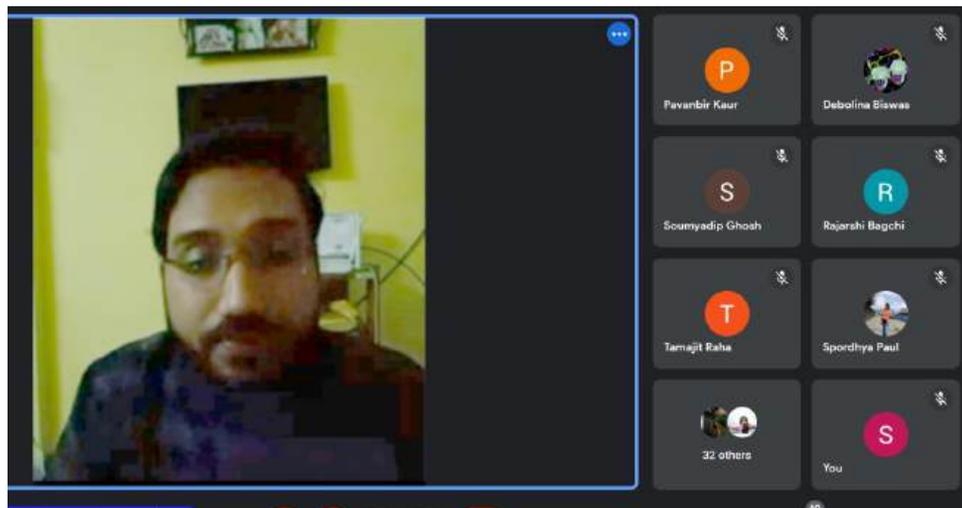


Webinar On "Diasporic hereafters: The dialectics of Culture and Identity in the context of Indian diaspora"

The Department of English, North Bengal St. Xavier's College, Rajganj conducted a webinar titled "Diasporic hereafters: The dialectics of Culture and Identity in the context of Indian diaspora". It was conducted on the 17th of December, 2021. The keynote speaker was Dr. Auritra Munshi, Assistant Professor of English, Raiganj University. It was executed on an online platform with around 85 students present during the lecture.

The objective of the lecture was to introduce the participants to the nuances of Indian diasporic literature and to develop critical awareness about the concepts of dialectics, representation, hybridity, dislocation, culture, and so on within the context of the Indian diaspora. The webinar was started by

Mr. Soumyadip Ghosh, Organising Secretary and the Head of the Department. Dr Aparna Chatterjee, Vice Principal, delivered the introductory speech followed by Dr Bipranch Kumar Tiwary, IQAC Coordinator. Dr. Auritra Munshi, the keynote speaker, talked about the Indian diasporic literatures and the politics of writing from a diasporic 'third space'. He drew references from Amitav Ghosh's *The Shadow Lines*, Jhumpa Lahiri's *The Namesake* and others. Mr Prasun Banerjee and Mr Rajarshi Bagchi briefly discussed the topic. Students like Agnidipto Roy and Koyena Choudhury asked a few interesting questions to Dr Auritra Munshi. The successful event was wrapped off by the vote of thanks delivered by Mr Subham Mandal.



~ **Subham Mandal,**
Asst. Professor, Dept. of English

Students' Seminar on British Romantic Literature

Students Seminars are a great way of improving the depth of knowledge of a particular topic along with widening one's perspective towards it. On May 13th, when the 4th-semester literature students were navigating their way through the Romantic period, the Department of English conducted the students' seminar on the topic " BRITISH ROMANTIC LITERATURE"

The 81 students were divided into 10 groups with 8 students in each according to their roll no.s. Each group was assigned a sub-theme of the main topic to research and to prepare a Power Point presentation on it. The students were free to use their creativity along with their meticulous research on the issues and prepare their ppt accordingly. Each group nominated two speakers to present the ppt to the group.

On the day of the event, the judge's seat was occupied by Mr. Rajarshi Bagchi, assistant professor, Department of English. Along with him, other teachers from English Department were also present. The 2nd and 6th sem students were also encouraged to attend the seminar.

The seminar started at 9 AM sharp with Group 1 presenting on the topic "Aesthetics of Romanticism". After each presentation,

the speakers were questioned based on their presentation and topics. Mr. Bagchi was meticulous in his compliments and criticism which gave the students a crystal clear view of their strengths as well as weaknesses. Rick Bose from Group 8 received special appreciation for his voice modulation technique as a speaker on the topic " Sensuousness in Romantic poetry".

Mr. Bagchi said this seminar was conducted to prepare the students for their future, where they have to face a similar situation in jobs in their respective fields.

Finally, the Best Group Presentation was bagged by Group 9 by presenting on the topic "Gothic in Romantic literature". According to Mr. Bagchi, their presentation was " well-researched, comprehensive and critical". Hritrisha Chowdhury and Soumili Sarkar, from the same group, were declared the Best Speakers.

All in all, this event was carried out very gracefully. All the teachers and students had a very wonderful experience, witnessing this first departmental competition of the session.

~ Soumili Sarkar,
4th semester , Dept. of English





Report on the Speech Competition

The Department of English encourages young, dynamic and enthusiastic minds to bring forward their voices on pertinent issues. The event offers college students a podium to explore their awareness and insights. In addition, the department understands that public speaking skills are a valuable addition to any professional skill-set. With one intention in mind a Speech Competition was held on an online platform via the app Google-Meet, dated 10th January, 2022.

The competition was organised and judged by professors Soumyadip Ghosh and Rajarshri Bagchi. The judgement by the judging panel was based on style, clarity, conviction of thought, lucidity of articulation and voice modulation. On the basis of this the best speaker was selected.

A total of nine participants from the 5th Semester participated. Namely, Debdut Sen, Sneha Singha, Koyena Choudhury, Sayjel Joshi, Rosee Sen, Kritanjali Ghosh, Sishir Bhagat, Subhamanyu Ghosh and Sonali Patikar in order of their participation. Each participants showed great favour while speaking on their topics of choice. From the initial undertaking of the speech writing itself, to the decision concerning the evaluation, criteria and fairness of judging each element was carefully considered to ensure that the competition is not only fair and valid, but also as educationally sound as possible. The topic chosen by the professors for the Speech Competition was “Women and Literature”. The tradition of women writing has been much ignored due to the inferior position women have held in male-dominated societies. Literature has witnessed the roles of women evolving through ages. Each participant with their speech went in on a quest to identify the portrayal of the role of

women in Literature. The topic chosen by each participant are as follows

- a) Emergence of feminine voices - 1st and 2nd wave of Feminism
- b) 3rd wave of Feminism - an evolution.
- c) The dawn of a new wave- voices beyond books.
- d) Representation of women in literature - are women objects.
- e) American Literature - the stance of an African - American woman.
- f) The story of an Indian woman in Literature.
- g) Lessons from women’s literature - a male perspective.
- h) Patriarchal biases in Literature.
- i) Gender features of discourse in Literature.

The allotted time for each speech was 4 minutes. After the participants delivered their speeches, the competition ended with a small questioning round between two participants and gracefully tackled by participant Sayjel Joshi with facts clean enough for the questioner. Lastly, words of support were spoken by the professors who congratulated and corrected each participant with their insights on their speech. The results were declared on the 15th of January, 2022 with three best speakers from each Semester; Aakansha Dutta (1st Semester), ShaliniSaha (3rd Semester) and Rosee Sen (5th Semester). It was an experience unforgettable and knowledgeable.

~ Rosee Sen,
6th Semester, Dept. of English

Brief Webinar Report On 'Nature Talks'

The Department of English, North Bengal St. Xavier's College, Rajgang conducted a special lecture titled "Nature Talks". It was conducted on the 20th of May, 2022. The keynote speaker was Ms. Kaushani Mondal, Assistant Professor of English, Department of English, University of North Bengal. It was conducted in the Smart Classroom, Loyola Block, NBSXC (Rajganj) with around 80 students present during the lecture.

The objective of the lecture was the study of the world around us and critique the mannerisms of the society in the treatment of nature. The webinar was started by Mr. Soumyadip Ghosh, Organising Secretary and the Head of the Department. Dr Aparna Chatterjee, Vice Principal, delivered the introductory speech followed by Dr Bipranch Kumar Tiwary, IQAC Coordinator. Ms. Kaushani Mondal, the keynote speaker, talked about concepts like 'Green Studies', 'Ecopoetics' and 'Environmental Criticism'. Her lecture focused on the interconnectedness of all life forms and natural features. It thereby enabled thoughts about the representation and 'thematization' of Nature and ways of application of ecological concepts to the study of literature. Mr Prasun Banerjee and Mr Rajarshi Bagchi briefly discussed the topic. Students asked a few interesting questions. The successful event was wrapped off by the vote of thanks delivered by Mr Subham Mandal.

~ **Subham Mandal**,
Asst. Professor, Dept. of English



A Jesuit Institution, affiliated to the University of North Bengal
Included under 2(F) and 12(B) of UGC ACT, 1956
Accredited with 'B+' by NAAC (1st Cycle)

The Department of English
NORTH BENGAL ST. XAVIER'S COLLEGE (Rajganj)

organises
A Special Lecture

ON
**NATURE
Talks**

Venue: *Smart Classroom* (Loyola Block, NBSXC)
Date: *20th of May, 2022*
Time: *1:00pm* onwards



Speaker:
Ms. Kaushani Mondal
Assistant Professor of English
Department of English
University of North Bengal

Organising Secretary:

Soumyadip Ghosh
Head of the Department
Dept. of English, NBSXC (Rajganj)

Organising Committee Members:

Mr. Prasun Banerjee, Asst. Professor
Dr. Pavanbir Kaur, Asst. Professor
Mr. Rajarshi Bagchi, Asst. Professor
Mr. Subham Mandal, Asst. Professor

AN INTERNATIONAL SEMINAR ON "REVISITING PARTITION: SOCIO-CULTURAL AND LITERARY CONTEXT(S)".

On 30th and 31st May 2022 a Two-day International Seminar on 'Revisiting Partition: Social, Cultural and Literary Context(s)' was jointly organized by the Department of English and Department of Sociology in North Bengal St. Xavier's College, Rajganj.

The event started with the introductory speech by the emcee Dr. Pavanbir Kaur followed by the college prayer song. The guests were welcomed which was followed by the lighting of the lamp. The welcome address was delivered by Fr. Principal Dr. Lalit P. Tirkey, SJ, the IQAC Coordinator Dr. Biprakash Kumar Tiwary and the convener Soumyadip Ghosh and Co-Convener Dr. Aparna Chatterjee.

The keynote address on the "Lessons We Need to Unlearn in Partition Research" was given by the chairperson, Professor Sayeed Ferdous, from the Department of Anthropology, Jahangirnagar University, Bangladesh.

Thereafter an address was delivered by Urvashi Butalia, and award winning Indian Feminist Writer and Publisher and an Activist. A talk on "Partion of India: Cross-Border Dialogue and Narratives of Reconciliation" was given by Professor Himadri Lahiri, retired professor, Department of English, University of Burdwan.

Day 1

Technical Session -1 took place in the Conference Hall chaired by Professor Sayeed Ferdous.

The paper presenters were 1. Laki Molla- "Communalism and Partition: Reading Manohar

Malgaonkar's *A Bend in the Ganges*". 2. Subashish Bhattacharjee "The Hermeneutics of Trauma, Memory and Death: Anamnesis, Aisthesis and the Trauma of Death in Partition Narratives". 3. Subhrajit Samanta "Partition narratives as discourse: a study of select films". 4. Dr. Aniruddha Burmon "Twice Partitioned."

Technical Session -2 was chaired by Mr. Abhijit Mazumdar, Asst. Professor, Dept. of English, Siliguri College in Smart Classroom (Loyola Block, Ground Floor).

The paper presenters were 1. Rinki Debnath "Amra Kara? Bastuhara." Who are we? We are the dispossessed." - The East-Bengali Refugees in Amitav Ghosh's *The Hungry Tide* and the Char of Morichjhāpis Their Refuge". 2. Shiny Chaudhuri "Violence, conflict and home in select novels of Khushwant Singh, Chaman Nahal and Amitav Ghosh." 3. Priyanka Roy "PARTITION: THE LONGING FOR THE 'PAST-NESS' IN *THE SHADOW LINES*." 4. Alia Khalid "A Study of Women and Violence in Bapsi Sidhwa's novel *Ice Candy Man*." 5. Prachi Malhotra "Women and Partition: A Saga of Purgatory and Savagery."

The day one ended with a special talk which was delivered by Moushumi Bhowmik titled "Fettered Countries Unfettered Sounds". The last closing words were given by Dr. Pavanbir Kaur.

DAY 2

The session of day- 2 started with a talk on 'Women writing Partition: Shikdar's *Dayamoyeer Katha* as a Memory-Text' by Dr. Debjani Sengupta in the Conference Hall.

Technical Session- 1 was Chaired by Dr. Debjani Sengupta, Associate Professor, Dept. of English, Indraprastha College for Women, University of Delhi .

The paper presenters were: 1. Debojyoti Dan 'Partition, Socio-economic Trauma and Sexuality in Saadat Hasan Manto's Short Stories' 2. Manjima Sarkar 'An Exploration of Post-Partition Insecurities and Resettlement in *Qissa and Tahader Katha*' 3. Sudipta Gupta 'In Search of My Country: Negotiating memories, home (lands) and the past in Asif Aslam Farrukhi's *The Land of Memories*' . 4. Wasim Akhram 'Troubled Past, Traumatic Present: A Study of *A Leaf in the Storm* by Lalithambika Antharjanam. 5. Mousumi Hazra 'Trust me, I am Speaking the Truth: Witnessing the language, Fiction, and Testimony with Reference to Manto's Selected Short Stories'. 6. Koyena Choudhury 'The Question of Social Harmony Pre and Post Partition with Reference to Bapsi Sidhwa's *Ice Candy Man*' 7. Debjani Bhowmik 'Partition, The Continuing Tamas and the Unflinching Resistance Voiced Through Selected Indian Writings'.

Technical Session - 2 was Chaired by Prof. Saswati Biswas, Professor, Dept. of Sociology, University of North Bengal, which took place in Smart Classroom(Loyola Block, Ground Floor).

The paper presenters were - 1. Saloni Pramanik 'A Study of the Trauma of Partition in Select Short Stories of Saadat Hasan Manto'. 2. Mousumi Sen 'Revisiting Partition-Memory in Bapsi Sidhwa's *Defend Yourself Against Me*'. 3. Tuhin Lodh 'Eliminating time through the lens of Magic Realism in Kesavan's *Looking Through Glass*'. 4. Anusmita Mukherjee 'Those forgotten after Partition': Migration and Identity in Debesh Roy's select works. 5. Koushik Goswami 'Chitmahals as the Afterlife of Partition'. 6. Neha Sewa 'Reliving the Pain of Partition and Cultural Trauma Through the Lens of Nandita Das' film 'Manto'. 7. Swarnashloke Chakraborty 'Severed bodies and narratives of the Partition: Religion, Nationalism and Dislocation of women in

Partition Films'. 8. Ajay Kumar 'Effect of Partition on Minorities: A Case study of Rajouri Town in J&K, India'.

Post lunch-Technical Session - 1 was chaired by Prof. Himadri Lahiri, Retired Professor, Dept. of English, University of Burdwan, held in Conference Hall.

The paper presenters were - 1. Simran Subba 'Study and Exploration of the Aftermath of the 1947 Partition as Portrayed in Khushwant Singh's Novel *Train to Pakistan*'. 2. Minakshi Paul "Kya Refugee Hona Gunnah hai?": Staging the Postcolonial State formation and the Politics of Otherization in J. P Dutta's 'Refugee'. 3. Arusharko Banerjee 'Mitigating Partition through Material Memory'. 4 Soumi Bandyopadhyay 'Through A Glass, Darkly: Sketching Divided Terrain and Multiple Cravings through the Lens of *Qissa*'. 5. Apsara Dasgupta 'Female Narratives of Partition as seen through certain films, and how it breaks down the singular historical"truth" '. 6. Srabanti Bera 'Partition, Migration and Gendered Violence in Socio cultural Perspectives'. 7. Subhadeep Talukder 'The Portrayal of Post-partition trauma in Amitav Ghosh's *The Shadow Lines* and Jhumpa Lahiri's *When Mr. Pirzada Came to Dine*'.

Technical Session - 2 was Chaired by Dr. Rajadipta Roy, Associate Professor, Dept. of English, Maynaguri College, in Smart Classroom Loyola Block, Ground Floor.

The paper presenters were - 1. Mr. Sujit Malick 'Partition and the Role of Repressive State Apparatus: A Critical Study of *Train to Pakistan* and *Ekti Tulsi Gacher Kahani*'. 2. Chandrima Pramanick 'The Provider and the Pimp: Challenging the Bhadrakok's Creation and Perception of Polluted Refugee Women'. 3. Shaan Anjum 'Partition and Films: A Sociological Review'. 4. Ruben Lepcha 'Exodus in the east: Treatment of Space in Haissam Hussain's *soap opera Dastaan*'. 5. Ivana Chowdhury 'Locating the Dislocated Position of Women on the Edges of Religious Arrow During the Partition of India with Special References of Indian Writings in

English'. 6. Jamuna Das 'Trauma, Marginality and Identity Crisis in Ritwik Ghatak's trilogy films on Partition'. 7. Hritrisha Chowdhury 'The Other Side of Silence: A Representation of the Unheard Agonies of Women during Partition'. 8. Stuti Singh 'Uprooted by Partition and United by Resilience: A Study of Bhaswati Ghosh's *Victory Colony 1950*'.

Valedictory address was given by Dr. Rajadipta Roy followed by the release of Student Magazine by Literary Association. Lastly the vote of Thanks was addressed by Dr. Aparna Chatterjee.

The Two-day international seminar ended with the group photo accompanied with knowledgeable as well as enlightening speeches for everybody.

The English and Sociology department of North Bengal St. Xavier's College, Rajganj, came together, on the 30th and the 31st of May, 2022, to orchestrate an International Seminar based on the topic: 'Revisiting Partition: Socio-Cultural

and Literary Context(s)'. The chief guest for the event, Dr. Sayeed Ferdous of Jahangirnagar University, Dhaka, Bangladesh articulated it as: "What not many universities and large colleges in Bangladesh dare to do, your college has done so wonderfully". Other guests included, Padma Shri awardee, Dr. Urvashi Butalia, who made her presentation online, Dr. Debjani Sengupta from Indraprastha College for women, retired professor Himadri Lahiri, singer, writer and researcher, Moushumi Bhowmick, professor Dr. Rajadipta Roy from Mainaguri College and Prof. Zinia Mitra from North Bengal University. Close to 40 presenters from various states presented their research papers. Throughout the sessions, appreciation and criticism went hand in hand as the guests keenly anatomized the presented papers.

Under the guardianship and regulation of our esteemed principal, Fr. Dr. Lalit P. Tirkey, SJ; convener, Mr. Soumyadip Ghosh and co-convener, Dr. Aparna Chatterjee, the seminar was a true embodiment of what a well put together event might look like. The teaching as well as non-teaching staff, the technical team, the student volunteers together with the foreman of the food and beverage section, pitched in to make the seminar triumphant in all aspects. Thus, it can very well be concluded that this seminar has become a metaphorical doorway to many such future milestones.

Barbie Sengupta, Spandana Sadhu,
Aakanksha Datta,
 [2nd Sem, Department of English]
Akshata Moktan,
 4th Sem and
Yashaswini Pradhan,
 2nd Sem, Department of Sociology





ONE DAY INTER-COLLEGE STUDENT SEMINAR

On 20th December 2021, Salesian College Siliguri Campus had held one day inter-college student seminar on “Contemporary Social and Political Movements” organized by the Department of Political Science and Department of Sociology in Collaboration with IQAC.

From North Bengal St. Xavier’s college Akshata Moktan and Yashaswini Pradhan, sociology department with the topic ‘#METOO Movement: Empowering Women Through Social Media’ got selected for the One-Day Inter College Student Seminar.

The seminar took place in Marengo Hall (Don Bosco Block) of Salesian College, Siliguri. We reached at around 9:30 am accompanied by our professor Shradha Rai. There were total of 14 participants from different colleges in the seminar and others as the audience.

The event started at around 10:00 am with a prayer by Father Dr. Saju Puthussery, the Vice Principal, Arts and Humanities, of Salesian College Siliguri. Then the opening speech

was given by Father Prof. George Thadathil, Principal and Recto, of Salesian College Siliguri. Followed by the welcoming of invited guests, the Keynote Speaker and Panelist of the seminar Dr. Binayak Sundas, Assistant Professor, Centre for Himalayan Studies, University of North Bengal and panelist Ms. Sovna Khati, Assistant Professor, Department of Political Science, University of North Bengal. Then after that the keynote address was provided by Dr Binayak Sundas.

The rules of the seminar were that the participants would get a presentation time of 12 minutes and 3 min with Q and A session and they were requested to ask questions to the other participants as well. Each college had one or two students to present a particular topic category in which they were selected.

The Presentation Session I started with Chairperson Dr Binayak Sundas on the panel.

Salesian College Siliguri, was the first speaker and the topic was on ‘Nationalism- A threat to Democracy.’ Next was Salesian College Siliguri, and the presentation was on ‘A Sociological Study on Farm Bill 2020 and Farmer’s Protest.’ Surya Sen Mahavidyalaya, presented the paper on the topic ‘Students Protests against the Citizenship (Amendments) Act, 2019.’

The event continued with Salesian College, Sonada, the participant spoke on the topic, ‘Black Life Matters in Community, its White Reaction and the Evolving Role of Social Media.’ Next Darjeeling Government College, gave their presentation on ‘Localizing the Global Movement for Climate Change- Impact and Consequences in Darjeeling Himalayas.’



The South Field College, presented the topic on ‘Upholding the Rights of the Hand that Feeds the Country.’ Followed by the next presenter from Sonada Degree College and the topic was about ‘Understanding Farm Laws and its Subsequent Withdrawal: An Overview.’

Presentation Session II started with Chairperson Professor Ms. Sovna Khati on the panel.

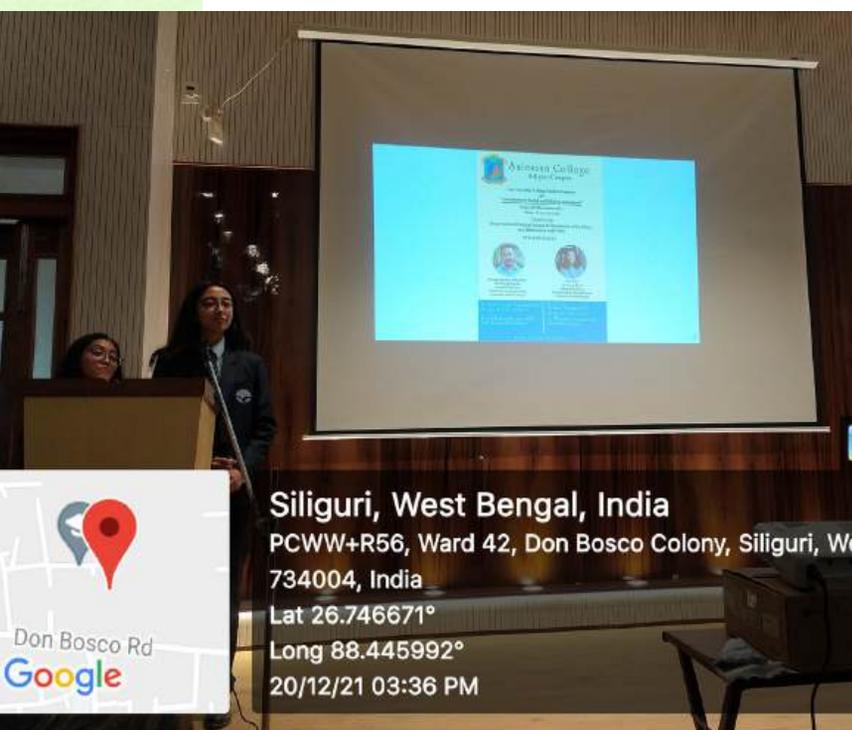
The session started with South Field College, presenting the topic on ‘Secularism and the Citizenship Amendment Act 2019.’ Next, Salesian College Sonada gave the presentation on the topic ‘Animals Rights Movement.’ After that Salesian College Siliguri, spoke on the topic ‘Menace of homosexuality; the life that dare not speak its nature.’

Darjeeling Government College gave the presentation on ‘The Farmers Movement and Farm Bills in India- Why people’ voice matter in a democracy.’ Followed by our college North Bengal St Xavier’s College, Rajganj and we presented our topic on the ‘#METOO Movement: Empowering Women Through Social Media.’

Lastly observations and comments about the seminar were addressed by the invited guests and the Best Student Presenter was given to Darjeeling Government College (topic: The Farmers Movement and Farm Bills in India- Why people’ voice matter in a democracy). Akshata Moktan and Yashaswini Pradhan from North Bengal St. Xavier’s College and Shamraggy Dewan from Salesian College Siliguri got the Best Paper Recognition.



The seminar was really knowledgeable, helpful and informative, it was an enjoyable one, everyone present in the hall took active participation in the question and answer session. It became an interactive session and for not only the participants from different colleges but also the audiences gained a lot of knowledge and information regarding the topics presented. The seminar came to an end with the Vote of Thanks by Mr. Sangam Ghatani, Assistant Professor, Siliguri. He also assured to come up with more collaborative, interactive and informative events in future.



~ Akshata Moktan,
3rd Semester
and Yashaswini Pradhan,
1st Semester
Dept. of Sociology

SOCIOLOGY DEPARTMENTAL SEMINAR

The unprecedented crisis of covid-19 pandemic brought about an uncertainty to the world. Innumerable deaths, economic depression, unemployment, and unavoidable lockdown imposed as a necessity to tackle the pandemic brought a great impact to the socio-economic as well as the political structure of the society. In this context-

On the 30th of November 2021, The Department of Sociology North Bengal St. Xavier's College Rajganj organized a Departmental Seminar on 'COVID-19 PANDEMIC AND LOCKDOWN: THE PLIGHT AND HUMANITARIAN CRISIS OF MIGRANT WORKERS IN INDIA.' The venue was in Smart class room, Loyola Block. The seminar started at around 10 am.

The topics of the seminar and the presenters were-

Impact of the covid-19 crisis on the migrant laborers' in India.

Covid-19 pandemic and women migrant workers.

Issues and challenges of covid-19 pandemic upon the migrant workers.

Response of the state with regard to the crisis of migrant workers in India.

Difficulties faced by women migrant workers during Covid-19 pandemic.

The participants were to present on any one topic in the form of a power point presentation or posters and charts, within the limited time. The students from 1st, 3rd and 5th semester had participated in this seminar. The group presentations from each semester consisted of 4-6 members. The time limit to present the topic was 10-15 minutes.

The event began with the Introductory Speech given by Asst. Professor Karma D. Bhutia. The Keynote address was given by Asst. Professor Dr. Soumya Mitra from the Department of Geography.

The seminar was conducted in a well-planned manner, one group after the other in a systematic way according to the topics given. There were two groups from 1st semester, four groups from 3rd semester and three presentations from 5th semester.

There were a total number of 38 participants from the department of sociology, with their respective topics. At the end it was followed by The Vote of Thanks delivered by Asst. Professor Dr. Aparna Chatterjee, HOD of the sociology.

The covid-19 pandemic continues to hamper the society across the world with the circumstances that is difficult to predict. The seminar was a successful one with all the impactful and informative presentations by the



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department of sociology. The students gained a lot of knowledge and experience presenting a seminar with the given topics

The department of sociology ensures for more enlightening, enjoyable and knowledgeable seminars in the near future.

~ Akshata Moktan
3rd Semester
Dept. of Sociology



Online Special Lecture on Gender and Media

On the 14 December 2021 the department of sociology North Bengal St.Xavier's College organised an online special lecture on the theme 'Gender and Media'. Dr.Shourini Banerjee an assistant professor from the Department of Visual Communication, the American College, Madurai Tamil Nadu was the resource person for the event.

The special lecture began at 10am in the smart class of the Loyola bloc. The main focus was on Gender and Masculinity on television commercials.

Highlights were on stereotypical gender roles that are projected through commercial television advertisements mansplaining representation of women through media and emphasized on gender equity and need to change the outlook in society.

The special lecture was very exciting for all the students attending the programme. Students from other departments too participated in the programme.

Total participants were 56 in number along with the teachers. The special lecture concluded with the interactive discussion it was a great learning experience for all of us.

~ Ankit Rasaily
Priyanka Gurung
Rajiv Bharati
Dept. of Sociology



REPORT ON FIELD STUDY- DEPARTMENT OF SOCIOLOGY

The Department of Sociology conducted its field study for the 6th Semester students from 20th April, 2022 to 25th April, 2022. The venue of the field study was Chataidura, Poobong Fatak, Darjeeling. The trip started at 2.30pm from the college and reached the destination at 6.45pm. The students and teachers stayed in Lopchan Homestay for the entire field study.

On the day of reaching the venue, the student were asked to gather at around 8.45pm to discuss and plan the schedule for the next day. Accordingly, six groups were formed to cover 120 households and collect the required household census data.

For the next two days, the students collected household census and on the remaining days, individual field study was carried out to gather the required information. The students used various research methods like face to face interview, questionnaire, observation, case study, etc. to fulfill their main objectives of the study.





Every student participated in the field trip with great enthusiasm and they were really excited to meet and greet new people of the area. Though the field trip was for final B.A dissertation, it equally helped the students in their communication skills and boost their field knowledge. After having three years of book view knowledge, a week's field study helped in shaping the perspectives of viewing the society at large.

After every field study, the students and teachers gathered together, inquired more about the topics of the study and made necessary changes to the topics chosen to study. There were interactive sessions after the dinner where one could share the experiences and views of the field. This was done keeping the view of interactions

and communication among the students, teachers and also with the people in the field of study.

Thus this field study was a great learning experience for the students from the practical academic sense. It encouraged and motivated the students to explore more in the field of Sociology.

~ **Fredrick Ferrault**
6th Semester
Dept. of Sociology



A TWO-DAY WORKSHOP ON VISUAL SOCIOLOGY

A two-day workshop on Visual Sociology was organized jointly by the Department of Sociology, North Bengal Saint Xavier's College and Surya Sen Mahavidyalaya on 3rd and 4th June, 2022.

Visual sociology is one of several fields of Sociology. Visual sociology refers both to the use of visual images as documentary sources in research and also to a discipline that studies the production, consumption and meaning of visual products of society.



DAY 1

On the first day the venue of the workshop was North Bengal Saint Xavier's College, Rajganj. The students from Department of Sociology of Surya Sen Mahavidyalaya, Siliguri joined on the propitious day.

The workshop began with a welcome ceremony and lighting of the lamp by the guests, teachers and class representatives of respective colleges. The Principal of NBSXC Fr. Dr. Lalit P. Tirkey, SJ addressed the gathering and formally welcomed all the guests, students and the resource person Mr. Saurav Sarkar, a filmmaker and emphasised on the importance of such collaborative programmes.

The session was then addressed by IQAC Coordinator and HOD of Microbiology, Dr. Bipransh Kumar Tiwari. The session was also

addressed by HOD of Sociology and Vice Principal of Saint Xavier's College, Dr. Aparna Chatterjee, where she threw light on a very crucial aspect of Visual Sociology by stating a quote – "Seeing comes before words."

It was followed by the introduction of the resource person, Mr. Sourav Sarkar. Mr. Sourav Sarkar is an independent filmmaker, director and social educator since 2012. He has made acclaimed psycho-sociological short fiction feature films and long feature films, as well as non-fiction/documentary films in Bengali, English, Hindi, and partially Tamil language. By education, he graduated in Computer Science & Technology from BESU Shibpur, West Bengal.

Mr. Sourav Sarkar presented an exhibition of a film called "Anoocharito". This film portrayed the psychological impact of disturbed parenthood on a child/emotion and body language also in light of Integrated Childhood Protection Scheme (ICPS) of Govt. of India. He then provided a visual analysis of the film and provided references to ICPS/relevant national



policies. The first day of workshop came to an end with a Q/A session with the participants.

DAY 2

The venue of the second day workshop was Surya Sen Mahavidyalaya. Students of NBSXC from the department of Sociology



jointly attended the workshop. The students and guests were welcomed by the Principal of Surya Sen Mahavidyalaya, Dr. Pranab Kumar Mishra. The students were then felicitated and the guests were honoured. This session was then addressed with a speech by Dr. Aparna Chatterjee, HOD of Department of Sociology and Vice Principal of NBSXC.

The session began with an introduction of the resource person Mr. Sourav Sarkar. He exhibited two non-fiction films, the first one was "Nibhritochari." This film portrayed optimistic old age home in Naihati, West Bengal, where active ageing is attempted to be practised, with a philosophical outfit on healthy community building, needs faced by elderly persons with present social and psychosocial perspectives, public health awareness and an overall meaningfulness of life. He also provided a visual analysis of the film.

The second film he exhibited was "The

Humane Judicature." This film portrayed the judicial activism of Public Interest Litigation in India in a very aesthetic manner. At the same time, the film depicts the connection of the common people with legal awareness. He then provided a visual analysis of the film as well.

The two-day workshop then came to an end with a concluding speech by the joint convenor and Assistant professor of Surya Sen Mahavidyalaya Prof. Pragya Paromita Sarkar.

This workshop was a great opportunity of learning and reimagining Visual Sociology for students and teachers .

~ Gairik Ghosh
4th Semester
Dept. of Sociology



Study Tour, Science City

On 9th April ,2022 whole Department of Sociology North Bengal St Xavier's College, Rajganj visited the Science City , Matigara. We were escorted by the college bus. All the 18 students and 4 teachers were gathered outside the gate and finally our tour commenced. Splendid and fascinating Mechanical innovations were there which we enjoyed trying it all .

We went around looking for the tribals modles . The Dukpas ,the Rajbanshis , the Rabha , the Sherpas , the Toto ,the Mech and many more were exhibited / showcased like in museum.

There were Miniature replica of the forest , Mirror maze was an eye catching feature in which all the students and teachers when into ,the mirror had a horror theme and the old lady was staring from one of the multiple confusing mirrors .

Proceeding to the 3D programme which was of (10 -15 mins) where we went for the adventure to The Great Wall Of China . After a while we all advance to The Digital Planetarium where we saw the elements , stars (how it has been formed) ,the planets in space ,which was all narrated in Hindi . It was a captivating experience.

As well as there was Rabbits and hamsters ,we needed them .

Lastly ,we all congregate in the bus , had our snacks and left for the college . This is how our amusing study tour came to a end .



Matigara, West Bengal, India



~ Swarnalata Naubagh
4th semester
Dept. of Sociology



DEPARTMENT OF GEOGRAPHY FIELD SURVEY & EXCURSION

Spices are the essential ingredient for cooking like that for geographers fieldwork is , it gives a ‘real – word’ opportunity for us to develop and extend our geographical thinking. Our memorable experiences support long-term learning and recall.

Students of 4th semester had gone Gopalpur and Bhitarkonikain Orissa for field survey and excursion from 28th April 2022 to 4th May 2022.

28 students had gone for the field survey under the guidance of two faculty members; Prof. Rose Marry Subba and Prof. Dr. Baidurya Biswas. During the field survey we had gone to Bhitarkanika, we saw different migrating birds, and many animals like deers, snakes, pluscrocodile of different stages and skeleton of different type of crocodile in the wildlife sanctuary and its museum. We underwent the island eco

system.

New Baxapalli, Gopalpur was the area for conducting our socio-economic fieldwork . We collected data on particular topics that we were assigned. It was difficult to interact with the Telegu speaking people . We had two translater but it was not possible for two of them to go along with 28 students ; we found that the



local people were cooperative and helpful in providing the information. We used GPS camera to capture the unique and different feature of the household of that area. During the excursion we gained knowledge about the societal condition, their lifestyle, economic activities, the need of the local people, where the area was lacking behind and many more. We also visited Kasada waterfall, monestry and TaptapaniHotspring , Rambha lake and we enjoyed the adventurous water-sports at Tampara.

“As no one has grip on time” on 4th may’ 2022 our trip to Orissa came to the end. We all have cherished each day, atleast with a photograph that will remind us of the journey as a geographer of 4th semester 2022 of Noth Bengal St. Xavier’s Collage, Rajganj.

I personally would like thank our whole Department of Geography for making the trip a successful one and adding colour to the rainbow of my life.



~ Payal Hazra
4th semester
Dept. of Geography



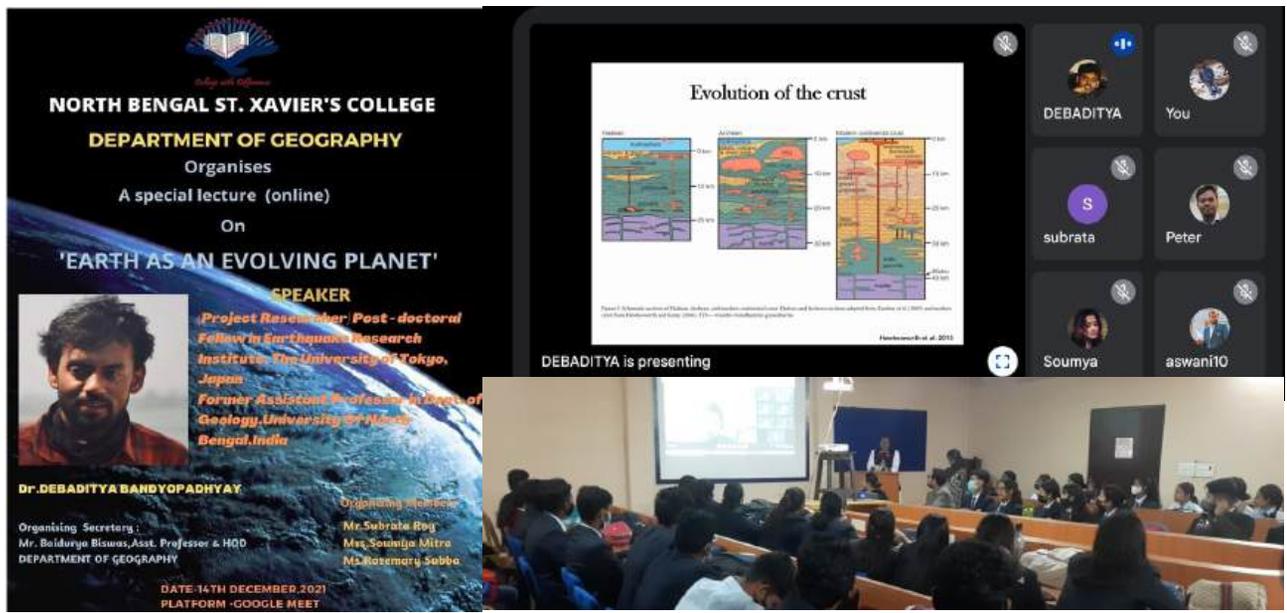
WEBINAR ON THE TOPIC

“EARTH AS AN EVOLVING PLANET”

SPEAKER- Dr Debaditya Bandhopadhay

The pandemic had a multifaceted effect on us. We were hit hard, and yet, emerging resilient in times of agony, we stood tall in the face of devastation. We witnessed another sweeping academic year with all the activities shifting to a virtual set-up. With a variety of events, the geohgraphy family didn’t leave any stone unturned for providing our students with an experience of a ‘normal year’. There are plenty of elements that account for this kind of disparity in terms of performance. For instance, online classes offer playback from the live recording, screen sharing sessions, chats, file sharing, and many other features that bolster the learning experience and keep the students more engaged in the material they are learning. When engaged in a webinar, students are in a better place to effectively understand the lesson, thereby performing appreciably better than those attending traditional classes. Every year our college North Bengal St Xaviers college , Rajganj. Organises special lecture in our college campus itself , but due to the pandemic this wasn’t possible in the following year 2020-2021 . Hence, by the end of 2021 all the educational institution were opened simultaneously it was then , a special lecture was organised through webinar by our HOD Dr. Baidurya Biswas of Department of Geography on 14th of December 2021. The topic for the webinar was “EARTH AS AN EVOLVING PLANET”. The speaker for this webinar was Dr. Debaditya Bandhopadhay .

He is a project researcher and he did his post-doctoral fellow in earthquake Research

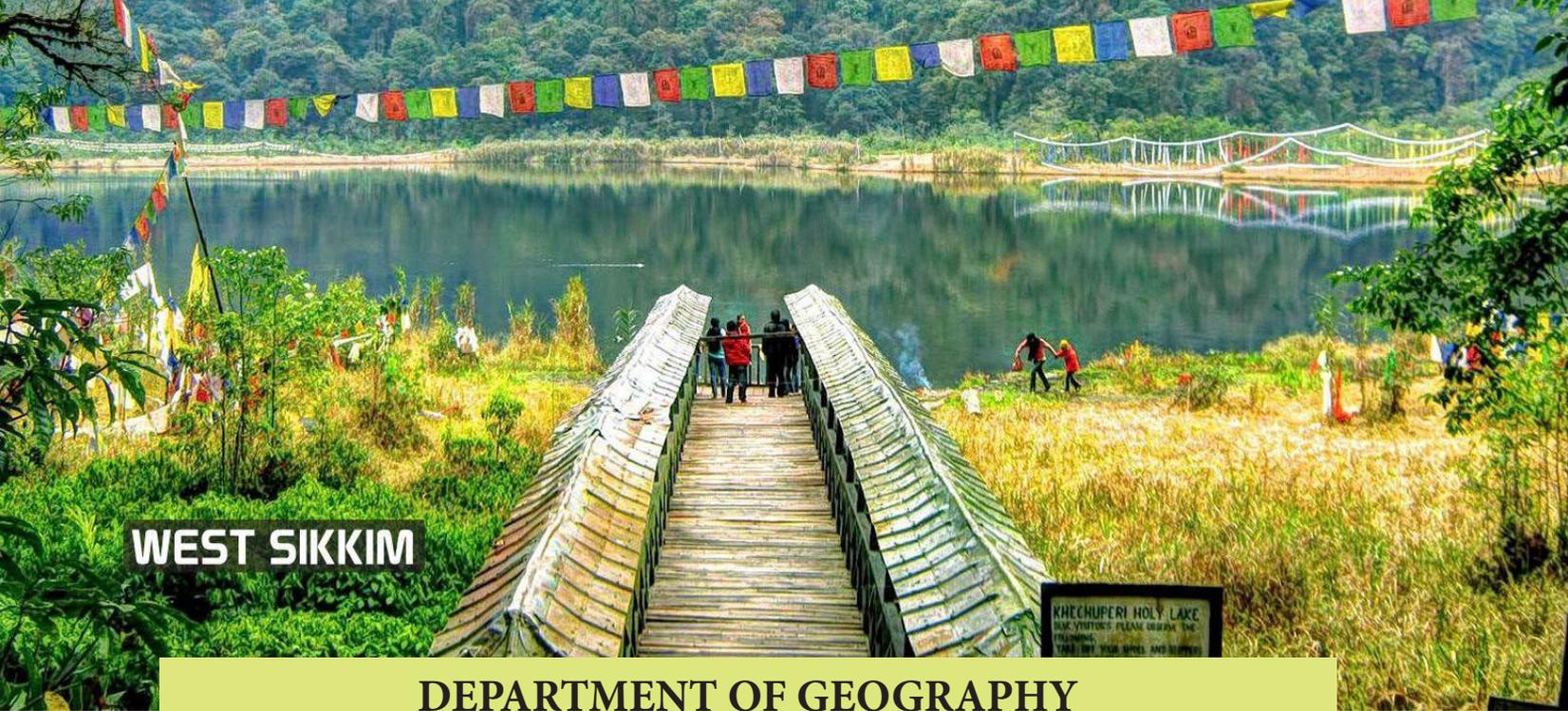


Institute, The University of Tokyo, Japan. Now he is the Former Assistant Professor in Department of Geology, University of North Bengal, India. This webinar was attended by all the students of the department of geography along with the other organising members of the webinar. The webinar took place within the college campus in the conference hall so that all the students would be able to easily interact in the webinar carefully without any disturbance. He discussed Earth as a member of the solar system by comparing it to other planets and emphasizing on its uniqueness. Plate tectonics, continents, oceans, and the presence of free oxygen in the terrestrial atmosphere are unique to Earth. Since detailed planetary formation in other gaseous nebulae cannot be observed, a variety of indirect evidence to reconstruct the conditions under which the planets in the solar system formed prove to be helpful. Geophysical and geochemical data provide the most important constraints. The interiors of planets are not accessible for sampling therefore planetary motions are studied through meteorites. Most scientists now agree on the fact that the solar system formed from a gaseous dust cloud, known as the solar nebula. He also talked about satellites and planetary rings, meteorites, planetary crusts, comparative

planetary evolution, and extra solar planets.

Evolution has been widely discussed and heatedly argued. Although there are arguments against it, evolution has taken a strong foothold in the scientific community. Evolution has shaped and is still shaping life on the earth. Finally, I would like to place on record our reverence and sincere gratitude to Father principal Lalit Tirkey 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. 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 Father Principal and Vice Principal, our faculty, support staff and students we were able to realise. The department's full potential. I would also like to thank my professors for their guidance and support to come up with this webinar. This webinar was very special to all of the students as this was the first time we were able to attend such kind of online special lecture.

~ Dickey Lama,
6th semester
Dept. of Geography



WEST SIKKIM

DEPARTMENT OF GEOGRAPHY FIELD STUDY TOUR -WEST SIKKIM

The Department of Geography promotes excellence not just in the sphere of teaching but also by imbibing and implementing new methods of literary interaction with the students. Members of the Department regularly involve the students in academic activities like seminars, webinars, report writings, sessions, projects, paper presentations and group discussions and field excursions to encourage and improve their interpersonal skills. Due to the pandemic there were certain change in the following year 2020-2021. Many of the undergraduates couldn't get their chance for their field trip. mostly in 4th semester and 6th semester students usually have their field trip included in their syllabus. so according to the syllabus the professors takes the responsibility of the students along with the permission of the principal, parents, nearby police authorities, the place they will be visiting. everything is taken into consideration before the trip.

This year our batch 2019-2022 was lucky enough to become the part of this educational

trip. according to our mentioned syllabus we had to prepare a report based on any of the case study (flood, landslide, earthquake) on this following disaster, in which we chose for the landslide. According to which our trip was finalised and the dates were fixed. It was a 5 days trip to West Sikkim.

A total of 27 students were present on the day of departure in which we were accompanied by one of our professor DrSoumyaMitra and other was our dear lab attendant Mr. Anup We started our journey on 2nd April 2022, beside heritage hotel near junction, there were 4 sumos allotted accordingly for our travel. our parents had come to bid us goodbye and pray for our safe and happy journey. Attendance was taken by our professor and she told us to be together everytime till we don't reach our destination. around 11am we left the place, it was a 4-5 hrs journey.

On our way we did our breakfast, which was accordingly set up by our tour guide. They were in total 2 of them, very polite and helpful. after the breakfast we continued our journey, our main task was to do survey on that same day. the scenic beauty of Sikkim mesmerized us thoroughly. staying in plain region, for a lifetime





and then being able to visit the mountains , greenary, little waterfalls and the great river Teesta flowing through the side of the road .what a scene it was to remember!. It cant be captured in camera, whose beauty our eyes have captured forever. On our journey we did the field survey regarding the landslides occurred within last 10 years. The local people were too friendly and polite we hardly faced any problems as we had been divided in groups by our respective professor and in each group she made sure that there was one nepali speaking person who will easily be able to interact with the people . on the way back to the hotel we ate our lunch . the 1st day ended in this manner . it was a hectic day but we still managed to enjoy ourselves. On the 2nd day of our trip which was dated on 3rd April . Morning usually around 8am we had our breakfast and left the place for our tour .We went to the lake called Khecheopalri Lake located in west sikkim which is also a sacred lake and also famous for fulfilling wishes. Next on the same day we went to the Rambh Orange Garden later

we came back to the hotel had our lunch and rested. As next day we were leaving for Gangtok.

Next day 4th of April we had our breakfast and then directly on our way we visited the pelling skywalk, this place was included in the previous day but due to continuous downpours we couldn't visit that day . So we visited pelling on the morning itself. then we visited to the monasteries. The visit to monastery was very calming to our body and soul.

Next trip was towards Changu lake and Baba mandir on 5th of April 2022 , which was the last day of our journey. We went their and enjoyed to our fullest. On the way back to the hotel we were lucky enough to witness snow at one place and we played with snow. Laughed, smiled and enjoyed. Then on 6th of April by 10am we checked out from our hotel and started our journey for Siliguri .

Lastly,I would like to conclude by saying that all the trips are adventurous and happening if you are accompanied by the people whom we can vibe with and this trip for our batch was a memorable one as this was one of the first and last trip for our batch . This trip was not a easy one and was full of hurdles and challenges but still atlast we managed to overcome them peacefully . There is a quote by Hellen Keller which says "LIFE IS EITHER A DARINGADVENTURE OR NOTHING AT ALL".





Dept. Students' Seminar

Books add to your knowledge, but going outside the books and enhancing your skills and wisdom is the best way to pave your way towards your mastery.

Like every year, as per the curriculum concerns, the departments of North Bengal St. Xavier's College have always been ahead in disseminating knowledge to all the students through seminars. The students are asked to cover various topics embedded within their syllabus and also to work as a team

On 10th May, 2022, the Department of Geography organized a seminar on "ECOLOGY, PEOPLE AND SUSTAINABILITY" where we had discussions about ecological system, problems, sustainable approaches and various other factors taking place in it.

Our programme commenced with the introductory speech by the convener of the programme, Dr. Soumya Mitra. The organising secretaries of the programme were Dr. Baidurya Biswas, Mr. Subrata Roy, Ms. Rosemary Subba. In this interactive session there were a total of 98 participants and out of that there were 29 speakers from 2nd, 4th and 6th semesters. Students from 2nd and 4th semesters were divided into 6 groups and 6th semester students into 4 groups where each group was given a

specific topic from the concerned subject for the presentation.

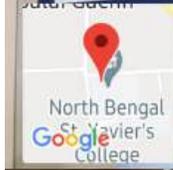
Few topics of presentations and the presenters are given as follows:

1. Interphase between Malthusian and Post Malthusian Theory of Population
(2nd semester – Tapaja Basu, Arundhati Bose)
2. Air Pollution in Delhi: Its magnitude effects and on health.
(2nd semester – Aakar Chhetri, Triveni Oraon)
3. Addressing the Sustainable Urbanization and its challenges.
(2nd semester - Susmita Saha, Joy Kullu)
4. Urban Land Use Dynamics and Sustainable Urban Management.
(4th semester - Payal Hazra, Prerna Tamang)
5. Consume the productivity of the water, soil and the ecosystem towards the Sustainable Development.
(4th semester- Marcia Jassey Toppo, Jaya Joti Bhengra)

6. Energy Flow and its impact on Flora and Fauna.
(4th semester - Arnab Ghosh, Prasansa Thapa)
7. Contamination of water resource: A rising problem in Siliguri
(6th semester- Drishti Ghatani, Ananyapaul)
8. Water crisis and its sustainable approach: Mitigation and adaptation in West Bengal
(6th semester - Dhiya Sengupta, SwatiMaurya)
9. Interface between climate change and air pollution with special reference to West Bengal
(6th semester- Sneheel Sarkar, Shreya Purakayasta)

The whole seminar was a successful, fruitful and a very informative one, it witnessed maximum number of students and we gathered knowledge regarding the topics we presented and also with ones we were not earlier familiar with. Finally the programme ended with the vote of thanks by Ms. Rose Mary Subba .

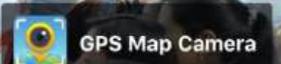
~ **Dhiya Sengupta**(6th semester)
Payal Hazra (4th semester)
 Dept. of Geography



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Balai Gachh, West Bengal, India

Teaching Orientation Programme for the Students

The teaching Orientation Programme was held to build the Confidence level of the students, and to improve their interaction skills. The programme prepared the students for their future challenges specially to help the students who were more interested in the teaching profession. The Programme enhanced the Student's Capability. Teacher Orientation Programme was held from 10th May to 13th May 2022 at North Bengal St. Xavier's College by the Department of Political Science. Among Students from the 4th Sem and 6th Sem, few Students were chosen for this teaching orientation Programme. This Programme was organised by the (HoD) Sir Saikat Roy and all the faculty members of the Political science department. As this orientation Programme has been scheduled from 10th May to 13th May. The total number of Students chosen was 6. Two Students from the 4th Semester and Four Students from the 6th semester. The name of the following students from the 6th Semester was Mrinmoy Rishi, Natasha Pradhan, Souradeep Chakraborty and Roshni Teli from the 4th Semester the Students were Isha Horo and Priyoshi Das. On the first day of teaching Orientation Programme which was on 10th May. The opportunity of teaching was given to the 6th Semester student Mrinmoy Rishi, he was given the responsibility to teach the 4th Semester Students. The topic he taught was "AN OUTLINE ON COLD WAR". On the same day 4th Semester Student Isha Horo was also given the responsibility to teach the students of the 2nd Semester. The topic she taught was "Executive". The second-day programme which was on 11th May was continued by, Natasha Pradhan of the 6th semester was given chance to teach the students of the 4th semester and the topic she taught was "FUNDAMENTAL RIGHTS AND DPSP". On the third day which was on 12th of May, the teaching orientation Programme was

carried on by Souradeep Chakraborty from the 6th Sem. The topic he taught to the Students of the 4th Sem was "RELATIONSHIP BETWEEN AMERICA AND RUSSIA WITH INDIA". On the same day i.e., on 12th May Student from the 4th Semester, Priyoshi Das was also given the opportunity to teach the 2nd Semester Students. Priyoshi Das taught 2th Sem Students the "THEORY OF UTILITARIANISM". The last day was on the 13th of May the Programme was carried out by Roshni Teli from the 6th Semester and the topic she taught to the 4th Sem Student was "PREAMBLE AND INDIAN CONSTITUTION".

The main purpose of this teaching orientation Programme was to develop the Speaking Skills of the Students and to gain confidence. This Programme was been helpful for students who have an interest in the teaching profession. This Programme built the teaching Skills of the Student who are thinking to pursue higher Studies and excel themselves in the field of the Teaching Profession. The teaching orientation program was the Platform that helped to enhance the capability and ability of the students. The Programme was successful because of the Cooperation of the students with each other and even the teachers played a great role in giving a platform to the students to build themselves.

~ **Roshni Teli**
6th Semester
Dept. of Political Science



Field Survey on “POLITICAL AWARENESS AND POLITICAL PARTICIPATION”

Political awareness is often defined as the extent to which an individual pays attention to politics and understands what he or she has encountered. Political awareness plays a significant role in people's political orientation, and with political awareness, political participation originates by combining both the factors of awareness and participation, a survey conducted. A survey is often used to assess thoughts, opinions and feelings. No other research method can provide this broad capability, which ensures a more accurate sample to gather targeted results in which to draw conclusions and make important decisions. Department of political science has organized a survey which took place on 24th April 2022, the topic was "Political awareness and political participation". The survey location was Matialihat, West Bengal. Near about 26 students participated in the survey under

the supervision of the head of the Department Prof. Saikat Roy and Thinlay Mam and Rahul Sir. The students gathered information from 80 respondents. The survey was conducted to basically overlook the scenario of locals regarding their political knowledge and involvement. Pair of two students went and collected the information from multiple houses regarding the political participation, election contesting of local peoples, and their socio-economic conditions etc. Moreover after collecting all the samples, the total ratio of different questionnaires were generated and further calculations were made

~ **Priyoshi Das**
4th Semester
Dept. of Political Science



Group Discussion on Contemporary world politics and the question of state Sovereignty

The Department of Political Science of North Bengal St Xavier's College, Rajganj had organized a group discussion on "Contemporary world politics and the question of State Sovereignty" on 29th April, 2022 in the smart class room. The entire class was divided into two groups one for the motion and the other against the motion. Each team had to select a group leader and work as a team, it was not an individual presentation but a group presentation. The faculty members along with the Head of Department Professor Saikat Roy were present to supervise the discussion. First and second year students from the department of political science were also present.

The discussion started with the HOD's introductory speech on Sovereignty and how the question of state sovereignty emerges



in the contemporary world, he had asked the students to be more specific with their topics and reminded them to work as a team and not as an individual for himself/herself and each speaker will get five minutes each to speak. The team for the motion started first with their presentation, the group leader was Natasha Pradhan; they were talking about how the element of Sovereignty was still alive and states continued to preserve their sovereignty in this contemporary world. The groups had ten members each. The other team had to write down questions which both the teams had to discuss later on with each other and had to come to a mutual conclusion after their presentations. Finally, Souradeep Sarkar the last speaker from the first group who had summarised the topic in a nut shell and with that the presentation of the group for the motion came to an end. Now the other group which was against the motion started with their presentation. They had to discuss regarding how Sovereignty is an outdated concept and states are not as sovereign as they should be. The presentation started with the introductory speech of the group leader Mrinmoy Rishi followed by the nine members who spoke on the role of China, European Union the biggest experiment on sovereignty, the Ukraine crisis, The Palestine issue, Brexit, the impact of Globalization, the Humanitarian intervention, etc. and finally the group leader gave a conclusion to the topic by talking about the “One-Belt-One-Road” project of China. After both the groups had presented their topics then it was time for the discussion round, but since it was already late so the HOD had postponed

the discussion to the next day that is 30th April, 2022.

On the next day the discussion took place in the department itself where both the groups were present and were ready to ask questions to each other. The team for the motion were defending their topics by talking about how the concept of sovereignty was still preserved and the team for the motion spoke about how international organizations and globalization have impacted the element of sovereignty and how powerful states like China and Russia are dominating smaller states by attacking them militarily and economically. As both the groups were not ready to back down so the discussion kept on going for which the faculty members had to interfere by keeping their opinions and finally the discussion came to an end.

The things to be noticed during the group discussion were the elements of team work, coordination, speaking skills, defending skills and leadership skills. The students did not speak for themselves but spoke on behalf of their respective groups. During the discussion too students were answering as a group and not individually. Such group discussions enhance the debating skills of the students as being the students of this discipline they should be able to keep their personal views backed by legitimate facts. In this contemporary world there is a multiplicity of ideas and thoughts ranging from Liberal thoughts to Realist thoughts, and it depends on how you look into things backing by factual statements and presenting your views based on it. Finally, the group discussion came to an end.

~ **Natasha Pradhan**

6th Semester

Dept. of Political Science



DEBATE ON WAR

On the 12th of March, 2022, the Political Science department organised an intra-departmental debate competition. Two of our faculty members, respected Thinley ma'am and Rahul ma'am conducted the debate between the 2nd and 4th-semester students who were present. The topic for debate was "necessity and relevance of war in the contemporary world" taking into consideration the heated case of Russia invading Ukraine. The students of the

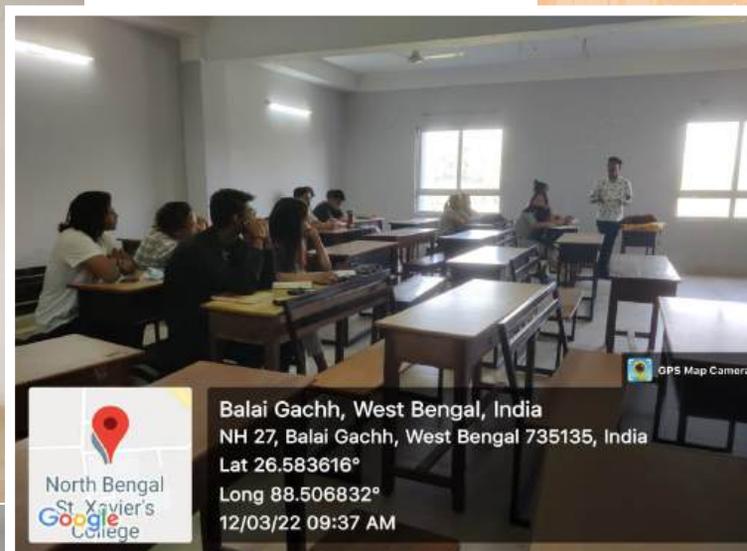
stopped the debate and gave a few very helpful pointers to us students. Both sides showed commendable participation however, the 2nd semester announced the winner by the teachers in the end.

This was a very informative experience for all the students present on that day and we all look forward to more such opportunities where we as a group can come together and put forward ideas and learn from one another.



2nd semester went against the motion i.e., they defended that war was not a necessity anymore therefore, was of no relevance. The 4th-semester students went for the motion i.e., they defended that war was still a necessity. The debate took many heated turns as both sides were putting forward very strong and relevant points and counters. In a way, it took the shape of a debate between idealism and realism.

The teachers, who were the moderators of the debate, very closely and in an interesting way listened to both sides put forward their points. After the one-and-a-half-hour mark, as the period was coming to an end, the teachers



~ Pratik Sharma
 2nd Semester
 Dept. of Political Science

REPORT OF EDUCATIONAL TOUR TO AKSHAYA KUMAR MAITREYA MUSEUM



Kumar Maitreya Heritage Museum , with the immense joy he welcomed the professors and students, and with the enormous fortitude he cared to explain slowly and steadily the Archaeological remains, Sculptures, Art and crafts, Cultural History, Statues- from different time periods, Artifacts made up of different materials, Coins- made up of different metals from different eras, Utensils, Cloths, Weapons, Jewels, Boats and other remains from the different collections of the museum.

DATE: 31ST MARCH 2022

On Thursday date - 31st of March, History Department of North Bengal St. Xavier's College, with the Initiative and Guidance of Assistant Professor. Sumita Roy Chaudhary also the Head of the Department (HOD) and Assistant Professor. Samar Chakraborty, had organized an educational tour to North Bengal Akshaya Kumar Maitreya Heritage Museum for the Departmental Project on North Bengal Art and Archeological Facts, and visited various areas of the museum with the students of 4th semester and 6th semester, as 6th semester students had joined as the part of the Project. North Bengal Akshaya Kumar Maitreya Heritage Museum is located inside the University of North Bengal, Raja Rammohanpur, Siliguri, Darjeeling District, incorporating Raja Rajaram Muesum collection since 1962 , Initially museum was developed from the generous presentation and later many had contributed their lifelong collection to the university museum , North Bengal university has helped in organizations and developing the museum , North Bengal University also has a very prepossessing campus with all greenery.

DR. MALAY SAHA, who serves as Assistant Curator, manages the N.B.U. Akshaya



Among the various Studies of Sculpture, literature etc. One of the Important studies is a "Numismatics" - the study of the physical embodiment of various payment media (i.e. currencies). The study of numismatics as it applies to coins is often in the research of the production and use of the coins to determine their rarity. Numismatics differs from historical





and economic studies of money. Numismatists study the physical attributes of the payment media rather than the use and function in an economy. The term numismatics is often used interchangeably with the coin collection, though it connotes more intensive study than just simply collecting coins. It could be said that all numismatists are coin collectors, but not all coin collectors are numismatists.

Originally collected coins listed below:



1. Half Tanka Upendranarayana Coin of Cooch Behar: The valor of the 'Koch' kings is known best by the prides of Maharaja Nara Narayan. He has issued his own coins.



2. Shah Alam Coin: Although his predecessors' coins were also used to pay government officials and in commerce, he created gold, silver, and copper coins. Aurangzeb's name was re-minted on copper coins from his reign. His coins, unlike those of other Mughal emperors, did not have his name in a couplet; poet Danishmand Khan wrote two lines for the coins, but they were rejected.



3. Tibetan Copper Coin: Tibet's currency was the tangka (Tibetan: Tam or dngul Tam = silver tangka) until 1941. It was divided into 15 skar or 12 sho and circulated alongside the srang, worth 10 sho, beginning in 1909.

4. Kushana Copper Coin: It is significant to note that the Kusana copper coins in Bengal far outnumber their gold counterparts. Beginning with the earliest piece attributed to Soter Megas, copper coins of V'ima Kadphises, Kaniska I, Huviska and Vasudeva I have been found from



the North and South 24 Parganas, Burdwan, Medinipur and Hughli districts. This indicates the regular circulation of the Kusana copper

pieces in the Radha Region to the west of the Bhagirathi from 1st to about 3rd century AD. There is little doubt that the Kusana copper coins, albeit being imported into Bengal, formed a regular currency in this area. Its outcome can be seen in the emergence of a large number of imitations of the Kusana copper coin-types. Such coins have been found in North and South 24 Parganas, Burdwan and Bankura districts.

5. Gupta's Gold Coins: The numismatic scenario in Bengal becomes much more illuminated during the period from c 4th to the 7th centuries AD. The most remarkable point is the availability of a large number of Imperial Gupta (c320-570 AD) gold coins, generally of excellent quality and execution. On the other hand the silver and copper currencies issued by the Gupta emperors are rather rare in Bengal. Besides the actual specimens of Gupta gold coins found in Bengal, a number of Gupta inscriptions—mainly from the northern part of Bengal—occasionally refer to coin terms which provide further information regarding the monetary system. The facts that Pundravardhana or north

Gupta empire (at least from c 414 to 550 AD) and that the imperial Gupta authority could have extended up to the Comilla region in Bangladesh in the early 6th century AD, may explain the regular circulation of the Gupta gold currency in Bengal. In fact the Kalighat hoard in Kolkata provides the earliest discovery of a hoard of Gupta coins. Chandragupta I (c AD 320-35) to Visnugupta (around the middle of the sixth century) issued gold coins of different types with the maximum varieties of gold coins being struck by Kumaragupta I (c 414-54). The different types of the Gupta gold coins found in Bengal.

The field of Numismatics has an important place within a curriculum and in educational field. As the historical study of coins and currency continues to shed new light on cultures of the past, as well as serve as a guide for the socioeconomic policies of the future, the Akshaya Kumar Maitreya Heritage Museum intends to play an active role in expanding this field of knowledge. I would like to extend my gratitude towards our Principal Fr. D r. Lalit P. Tirkey, S.J for giving us this opportunity to learn something different apart from the academics, and also thanking our Professors of History department and the Professors of North Bengal University for enlightening us with the cosmic knowledge and wisdom on these Dynamic topics. Thank You !.



Gupta's gold coins
Bengal became a bhukti or a province of the

~ Priya Ekka, 6th Semester,
Anisha Kujur, 6th Semester
Dept. of History



GROUP DISCUSSION

Date : 7th December 2021
 Place : North Bengal St. Xavier's College,
 Rajganj
 By : Barbie Sengupta 2nd Semester
 English Department

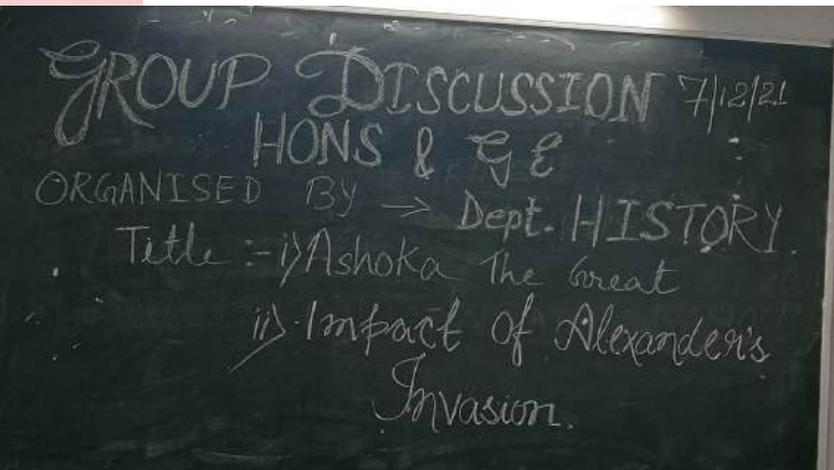
On 7th of December 2021 we had our first Group Discussion for the 1st semester students on the topic "Alexander Invasion" and "Ashoka the Great". There were 6 to 7 groups who performed their group discussion very well and I must say it was a successful group discussion. All the students were very supportive and very much cooperative to other group members as well.

Special thanks to our three teachers Mrs. Sumita Roy Choudhury, Mr. Samar Chakroborty and Mr. Abhinav Minz who gave us this special opportunity to express our views on the particular topic. They were very supportive while the groups were performing.

They guided us very well and we all students are very much thankful for that support.

Talking about the topic all the groups has taken the initiative and searched and they all have nurtured the particular points from the various sources and presented on the day of Group Discussion. Atlast we have been asked some questions by the teachers about the topic we have selected. All the group leaders have performed very well and maintained the dignity of the department.

Lastly I want to share my experience of being one of the group leader and a member of the group, it was a very much necessary activity because we all share our views in many different ways and we all should participate in this kind of healthy Group Discussion. Once again a very big thank you to our history teachers who organized and encouraged us to participate in a group discussion.



A Report on Departmental Webinar

Ensuring that education is not obstructed during the lockdown, the North Bengal St.Xavier's College, Dept.Of History conducted online classes.

Students from the poorest sections were brought into the digital system through lectures on popular online platforms and recording classes to be posted on WhatsApp groups of students and faculty members. Taking a step further, Department organised a webinar where professors and our students of 3rd Semester and 4th Semester shared their views on various topics through an online platform named Google meet. The webinar continued from 4th October to 7th October 2021 on the topics which mainly focused on the content present in the syllabus.

The topics for 3rd semester were:

- Economic Expansion in Europe after 15th Century.**
- Bhakti Movement.**
- Trade & Commerce in Medieval India.**

The topics for 5th semester were:

- German Nationalism in 19th and 20th Centuries.**
- Expansion and Consolidation of Colonial Power.**
- Feudalism in China.**
- Russian Revolution of 1917**

The students from both the semesters participated actively. All the participants spoke well and put their best views forward. The students from the 3rd semester were :

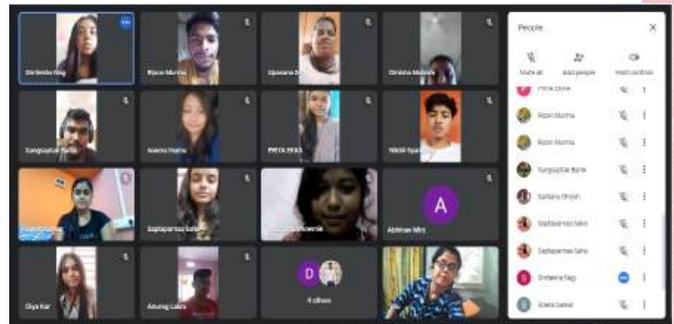
- Anurag Lakra**
- Saptaparna Saha**
- Shrilekha Nag**
- Sneha Sarkar**
- RiponMurmur**
- NilanjanaBhowmick**
- Diya kar**
- Gini Sonar**
- Sonali Horo.**

The students from the 5th semester were:

- Upasana Sen**
- Divya Jyoti Bhengra**
- Priya Ekka**
- DinishaMohora**
- Anisha Kujur.**

The students were guided well by their faculty members Assistant Professor Ms. Sumita Roy Choudhary (H.O.D), Assistant Professor Mr.Samar Chakraborty And Assistant Professor Mr. Abhinav Felix Minj.

Webinar on was inaugurated with the short introduction of the topics for each day by Different professors of the department and then was followed by the round of power point presentations by the students to bring out the best of their work and effort. The aim of the webinar to focused on all ound development of our students to ensure their better future.



~ Mrs. Sumita Roy Choudhury (HOD),
Assistant Professor, Dept.of History

REPORT ON SPECIAL LECTURE ON GST

- Name of the Event** : Special Lecture on GST
- Organiser** : Department of Commerce, Rajganj & Siliguri Campus
- Date** : 18th May 2022
- Venue** : Smart Room, Loyola Block
- Target Students Group** : B.Com/BBA 6th Semester from Department of Commerce, Rajganj & Siliguri Campus
- Summary** : Department of Commerce, NBSXC, conducted a special lecture on GST on 18th May 2022. The event was directed towards developing and creating an awareness of GST and its computation in students. About 80% of students from BBA/B.Com 6th Semester, Rajganj and Siliguri Campus participated in the event. CA Vishal Jain was the resource person for the event and conducted the lecture very systematically.

The event started from 11:30am with the introduction of the session by Mr. Sagar Sharma, Department of Commerce. Father Bijoy Kirti Kindo was the guest of honour for the event. It was a very interesting and informative event which shall be conducted every year by the Department.



REPORT ON INDUSTRIAL VISIT TO ZYDUS HEALTHCARE LIMITED, MAJITAR SIKKIM

Venue : ZYDUS HEALTHCARE Ltd,
Majitar Unit, Sikkim

Date of Visit : 18th April, 2022

Our visit to Zydus Healthcare owned by Cadilla Healthcare of Majitar was one of the most memorable one's as it was the first time, we went for the industrial visit after joining our professional study in BBA at NBSXC, Siliguri Campus. The entire visit was guided by our respected teachers Dr. Asim Mitra and Mr. Aritra Kundu.

Zydus Healthcare is a pharmaceutical company dealing primarily with the production and distribution of various types of medicines. We started our tour as soon as everyone gathered at the Siliguri Campus at 7 am. A bus took us to the industrial site and we reached at Zydus Healthcare by 10 am. Before starting our field tour, a small documentation process and a medical checkup was conducted following the COVID protocols, then we were first introduced to the storage/primary warehouse unit where raw materials were stored and we were provided with some necessary information about the same. Proceeding forward with our guide we were taken to the packaging unit when they

showed us the detailed packaging process of capsules/medicines as per the batches. There we came to know that around 10 lakh capsules were packed in an ordinary working days, which was done by the labor's itself with the help of some mechanical equipment's. Every worker performed the job in a very professional manner. It was wonderful to see how the workers were very expert at the work and at the same time they were very cooperative with their fellow co-workers and with us too. During the visit we had an interactive session with the employees working there and with our guide who was also very friendly and approachable, he also explained us each and every part of the factory. Finally, we were taken to secondary warehouse where finished goods were stored from where they were dispatched to the markets.

Lastly, this field visit helped us obtaining practical exposure in the working of a business organization; it's HR, and production; and it's also helped us in relating our classroom lectures with that of the practical implementation in an organization.

~ **Rahul Jha**

4th Sem. Dept. of BBA



REPORT ON PARTICIPATION OF STUDENTS IN XMC 2022

- Name of the Event** : "Xavier's Management Convention 2022"
- Organiser** : St. Xavier's College, Kolkata
- Date** : 9th and 10th April 2022
- Mode** : Online
- Platform** : Google Meet/Zoom/Whatsapp
- Target Students Group** : 2nd, 4th and 6th Semester from Deapartment of Commerce and Business Administration.
- Summary** : St. Xavier's College, Kolkata had organised its Annual National Level Management Convention on 9th and 10th April 2022. Students from different Colleges in India were invited to participate in the event. The events were mostly related to the development of future managerial skills among students. Students of NBSXC, Rajganj & Siliguri Campus from Department of Commerce & Business Administration took active participation in 7 different events and almost reached to the final round. They had a great overall experience and showed their interest in participating in more such activities in future.
- Duration of the Programme** : 2 Days
- Total No. of Participants** : 10



REPORT ON X-QUIZit 2022 SILIGURI CAMPUS

- Name of the Event** : "X-QUIZit2022"
- Organiser** : Department of Commerce& Management, Siliguri Campus
- Date** : 25thApril 2022
- Venue** : Conference Room, Siliguri Campus
- Target Students Group** : 2nd, 4th and 6thSemester from Commerce&Management
- Summary** : Department of Commerce, NBSXC, Siliguri Campus conducted its Anuual Quiz Contest- X-QUIZit on 25th April 2022. The event was directed towards development of knowledge and skills among the students in the areas of Commerce, Management, Current Affairs and General Knowledge. Mrs Sanjukta Mitra, Vice-Principal, Siliguri Campus was invited for the programme to encourage the students.
- The event started from 12pm with the introduction of the session by Ms. Sanjukta Mitra, Vice Principal, Siliguri campus, along with Dr Asim Mitra & Miss Payel Mitra. There were four teams of three members each who gave tough competition in all five rounds. Mr. Aritra Kundu was the quiz master for the event. Ultimately, the quiz was won by the students of 6th Semester team comprising Mr Subharthi Nandi, Mr Neelabha Chakraborty and Miss Yangla Sherpa. It was a very interesting event which shall be conducted every year by the Department.

REPORT ON X-QUIZit 2022 RAJGANJ CAMPUS

- Name of the Event** : "X-QUIZit 2022"
- Organiser** : Department of Commerce, Rajganj Campus
- Date** : 20th April 2022
- Venue** : Smart Room, Loyola Block
- Target Students Group** : 2nd, 4th and 6th Semester from Department of Commerce
- Summary** : Department of Commerce, NBSXC, Rajganj Campus conducted its Anuual Quiz Contest- X-QUIZit on 20th April 2022. The event was directed towards development of knowledge and skills among the students in the areas of Commerce, Management, Current Affairs and General Knowledge. Fr. Principal, Dr. Lalit P Tirkey SJ, was invited for the programme to encourage the students.
- The event started from 12pm with the introduction of the session by Mr. Sagar Sharma, HoD, Department of Commerce. There were four teams of three members each who gave tough competition in all five rounds. Mr. Jagannath Mukherjee was the quiz master for the event. Ultimately, the quiz was won by the students of 6th Semester. It was a very interesting event which shall be conducted every year by the Department.

REPORT

Name of the Programme	: "Management as a Career Option"
Date	: 05th April 2022
Resource Person	: Dr. Ruchita Barman, Assistant Professor – Marketing and Dr. Ipsita C. Patranabis, Assistant Professor of HR, Xavier Business School.
Venue	: Conference Hall, NBSXC Siliguri Campus
Objective	: The objective of the MBA program is to educate and prepare a diverse group of men and women with the knowledge, analytical ability, and management perspectives and skills needed to provide leadership to business and corporate organizations competing in a world increasingly characterized by diversity in the workforce, rapid technological change, and a fiercely competitive global marketplace. Students acquire a comprehensive foundation in the fundamentals of business, the global environment in which they will function, and the analytical tools for intelligent decision-making.
Duration of the Programme	: 1 day
Total No. of Participants	: 50
Description/Outcome	: A one day seminar was conducted to brief the students on the course curriculum for MBA programme at Xavier's Business School and also to brief them regarding the career prospects after MBA. The programme also highlighted the placement aspect to be provided by the institute after the completion of the course.

Report on Two – Day Workshop on 'Research Methodology and Time-series analysis' 10th and 12th June

The department of commerce and management, North Bengal St Xavier's College organized a two-day workshop on 'Research Methodology and Time-series analysis' for the faculty members and research scholars from 10th to 11 June 2022 on the college campus at Rajganj. The workshop was intended to disseminate knowledge relating to the methodological issues among the researchers. More than 50 teachers, researchers, and students belonging to diverse disciplines participated in the workshop. The resource persons, Prof. J K Das from Calcutta University and Prof. Amlan Ghosh from NIT, Durgapur, conducted hands-on sessions on Research methodology and Time series analysis

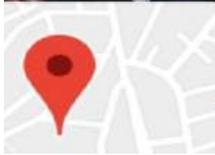
on 10th and 11th June respectively.

During inaugural session, Fr. (Dr) Lalit P. Tirkey, the Principal of North Bengal St. Xavier's college formally welcomed the participants, chief guests, and resource persons. He also insisted upon the need for Research Methodology Workshop and laid emphasis on the 'quality of research work' that needs to be improved by the researchers. The chief guest, Dr. Pranab Kumar Mishra, Principal, Surya Sen Mahavidyalaya, discussed the importance of research in today's scenario and explained appropriate and suitable methodology to be adopted during the research process.

Report on Workshop on Data Analysis Using SPSS for Beginners

A workshop for BBA and B Com 6th semester students of the Siliguri campus was held on 13th April 2022 from 11.30 AM to 1 PM. Around 30 students participated in the workshop. The main objective of the workshop was to make students familiar with the basic operations of the statistical software SPSS. Dr. AsimMitra, Assistant Professor, Department of Management conducted hand on sessions on the application of SPSS in data analysis.





Siliguri, West Bengal, India

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Siliguri, West Bengal 734001, India



Siliguri, West Bengal, India
Shanti Sadan, Gurung Busty, Pradhan Nagar, Ward 3, Gurung Basti, Siliguri, West
Bengal 734001, India



A REPORT ON THE BOTANICAL EXCURSION TOUR TO LAVA-RISHOP, KALIMPONG

Botany is the scientific study of plants-how plants function, what they look like, how they are related to each other, where they grow, how people make use of it, how are they important and how did they evolve. Field study is an essential part of botany as plants are best studied in their natural habitat. Excursions are arranged to give exposure to students. Field education is equally important as classroom teaching. It adds vigor in learning processes and relieves monotonies of indoor education. These tours also help to build goodbond amongst students and teachers.

As a part of B.Sc. Curriculum, one night and two days trip was organized to Lava-Rishop, Kalimpong by Department of Botany on 9th April, 2022 for the group of 27 students of semester II (1st year), semester IV (2nd year) and semester VI (3rd year) accompanied by Dr. Chandrani Choudhuri (HOD), Dr. Payel Paul and Mr. Subash Kumar Gupta (faculty members of Botany Department) and a tour guide. The major objective was to familiarize thestudents with the wild and cultivated flora and ecology of the region.

We started our journey on 9th April at 11.30am, admiring the beauty of the hills, picked up specimens along the way at Paparkheti and

reached Lava at around 1.45pm. Lava is a small hamlet situated 30 kilometers east of the town of Kalimpong. It is one of the few places in West Bengal to receive snow in winters; therefore we experienced extreme cold and fog throughout our stay. Changey Falls is 14 kilometers from Lava and 4 kilometers from Kolakham (along the way) cradled in the lap of Neora Valley Sanctuary. Changey Falls with its gigantic height is the highest altitude waterfall in North Bengal. We trekked 1 kilometer down the hill from the last motarable stop to spot the waterfall and climbed the same distance, we could feel our blood gushing with our hearts pumping while we climed up the hill, this was a whole lot of experience. We explored Changey falls and collected some plant specimens and saw mosses growing and captured many digital photographs of the plants as well as ours. The road of the Neora Valley Sanctuary-Kolakham was not well maintained so we experienced a bumpy-ride throughout the journey. We bought few souvenirs for our friends and family had a good time chatting and enjoying after a piquant dinner.

On the second day day i.e., 10th April, we got up at 6 am shivering and wet around to collect the specimen around our hotel at Lava. Our next



destination was Rishop. It is a tranquil, small rural settlement of the mountainous landscape at an altitude of 8,500 ft. It is only about 28 kilometers to the east of Kalimpong. From Lava, there is an

and Asteraceae were found. We walked through the village exploring the plants on the way. Students were made to identify the plants with their scientific name, family, identifying



uphill motarable road of 11 kilometers and also a trekking trail of 4 kilometers leading to Rishop. Flora and fauna sing through the forests in and around the village. Some commonly found trees here are pine, fir and birch along with a variety of Rhododendron and Orchids, Lycopodiaceae

characters along with their importance. Some of the flowering twigs were collected for the study of the families in syllabus. On our way back to Lava, we bought the famous Kalimpong lollipops for our loved ones. As we reached the Hotel we packed our bags, took a light lunch and left for



our journey back to Siliguri.

One the way back the bumpy road, we sang songs, danced making little space for us, vibes to the beauty of the nature with pure air. Our

and laboratory experiments. We had a great experience with truck loads of learning and growing and unforgettable memories.

It is often said that ‘Practice without Theory



study tour was very interesting; all the students interacted in a very well disciplined manner and cooperated well with the teachers and the guide. Overall, the study tour was a grand success. We got an opportunity to interact with our seniors as well as juniors whom we did not know personally because of the pandemic and made great memories.

Students collected and studied plants for herbarium preparation under the guidance of Dr.

is Blind and Theory without Practice is Sterile’, so theory and practice must go hand in hand all the time to demonstrate, our ability to use evidence to increase our understanding of key concepts, justify our decision making and encourage the future practices.



Payel Paul. The trip successfully inculcated in students the practicality of different theoretical concepts of Botany. We realized that viewing the flora and found in its natural form made things vivid enhancing the classroom lectures



~ Christmine Khati
4th Sem, Dept. of Botany



Students' Seminar



Dasgupta, Dr. Chandrani Chaudhuri, Dr. Payel Paul and Mr. Subash Kumar Gupta. The HoD Dr. Chandrani Choudhuri presided and coordinate the seminar. The topics chosen by each group of students were

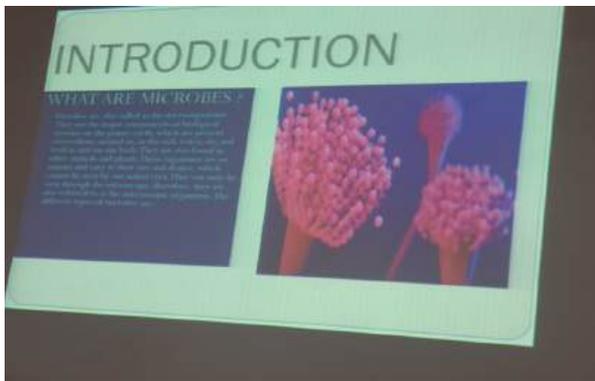
1. Types and Harmful effects
2. Ecological succession
3. Ecological Pyramid in ecology
4. Botanical Nomenclature in Plant Taxonomy
5. Role of Biofertilizer and its application
6. Role of microbes in industrial products

As student seminar is a collaborative group activity so, in this event each group has prepared necessary Power Point presentation in relevance with their topic and presented them confidently. Each group spoke for about 15 minutes on the topic with the help of PowerPoint presentation and suitable supporting articles. After completion of each presentation, it was followed by an interactive session with open discussion on the concerned topic along with clarifying the doubts and queries. Valedictory session was conducted by Dr. Sourish Dasgupta.

In this activity noticeable amount of

Student seminar is an active and efficient learning process which is a very important part of curriculum enrichment. With the aim of enhancement of students' skills and knowledge, Department of Botany has organised a Departmental seminar on 14th May 2022. All the semester students (2nd, 4th, and 5th) were participated in the seminar group wise. Students were free to choose their own topic from their syllabus and represented their topics in six groups under the supervision of Dr. Sourish





enthusiasm, hard work, collaborativeness and fellow fillings were observed throughout the seminar which is a part of skilled students' activity. Except these it enriched their mind, enhanced their confidence, and inspire them to acquire the advance knowledge on Plant Science and their

usage in human life. In this perspective, it was a successful seminar.

Dr. Chandrani Choudhuri, HOD,
Department of Botany

A two-day workshop on the "Insight to Microbiology and its Inter-Disciplinary Fields"

Microbiology is an interdisciplinary science where students gain expertise on different topics from chemistry, botany, zoology, physiology, genetics, medicine, nutrition, environmental science, etc. And students of microbiology can further excel in other interdisciplinary subjects as well, which makes the career aspects of microbiology broad-spectrum and lucrative. With this thought in mind, the Department of Microbiology, North Bengal St Xavier's College organized a two-day workshop on the "Insight to Microbiology and its Inter-Disciplinary Fields" on 11th & 12th May 2022.

On 11th May, eminent speakers Dr John J Georrg (Associate Professor, HOD, Department of Bioinformatics, University of North Bengal), Dr Malay Bhattacharya, (Assistant Professor, HOD, Department of Tea Sciences, University of North Bengal), and Mr Amarendra Pandey (Technical Officer, Centre of Floriculture and Agribusiness Management, CoFAM, University Of North Bengal) enlightened the students by introducing the interdisciplinary subjects and how these subjects can help them get excellent career opportunities. Dr John J Georrg discussed the potential of the emerging field of Bioinformatics along with brief career guidance to all the students. Whereas, Dr Malay Bhattacharya discussed how microbiology is an integral part of tea science and research. Even though the Tea board

council was devoid of microbiologists right now, future microbiologists will definitely hold positions of importance in the same. Last but not least Mr. Amarendra Pandey shared his expertise on how to uplift personal and social economy with the help of organic farming, agribusiness and entrepreneurship.

On 12th May 2022, all students visited the University of North Bengal to get a closer look on work conducted by the Department of Tea Science and the Department of Bioinformatics. Students observed and learned how research is being done in these departments and got hands-on experience on the things they were hearing during the lectures on the previous day. This made the learning way more fun and interactive. The intent was to make students understand how microbiology offers a vast range of career opportunities. The goal was achieved as students explored and learned a lot while having quite a bit of fun.

~ **Abhigya Chhetri**
Semester VI

Barsha Dey
Assistant Professor
Dept. of Microbiology

A REPORT ON DEPARTMENTAL SEMINAR



"EVERY GREAT ADVANCE IN SCIENCE HAS ISSUED FROM A NEW AUDACITY OF IMAGINATION." ~ JOHN DEWEY

The Department of Microbiology, NBSXC has always aimed for excellence not only in core microbiology but also advanced aspects of it. Keeping up with the practice of delivering and updating the students with current advances in microbiology, the department has organized a one day seminar on 26th November, 2021 with the common theme of *"RECENT TRENDS IN MICROBIOLOGY"*.

The students of semester V and professors enthusiastically presented their topics to semesters III and I students who have just joined the offline classes, so that they could get an essence of the recent works and advancements in the field of microbiology and allied areas. The objective of this seminar is to encourage the students learn about the various techniques adopted in recent era in the field of Microbiology and disseminate the gained knowledge as well as the development of research aptitude in the minds of young budding microbiologists.

The program started with a welcome

speech by Dr. Biprakash Kumar Tiwary (Head of Department) in which he explained the importance of microbiology in the current times when the world is still under the shadow of a pandemic, and also how we can contribute to its advancements as the technology around it is rapidly evolving. It was followed by the speech by Vice Principal Fr. Bijay Kriti Kindo where he highlighted the importance of collaborative work during the preparation of seminar and the exchange of knowledge that takes place. The seminar was grouped into three sessions: Session I, Session II and Session III. Session I comprised of presentation by Dr. Deepika Mazumdar followed by three groups of students. Session II comprised of presentation by Ms. Barsha Dey followed by remaining two groups of students. Session III comprised of Interactive session and feedback collection.

Session I began with the presentation by Dr. Deepika Mazumdar, Assistant Professor, on the topic **"Introduction to the Recent Techniques in Microbiology"** where she explained two techniques widely used nowadays i.e., Genomic studies and quantitative real time PCR with

their current applications and relevance. The presentation also involved the emerging field of metagenomics and one of her publication entitled **"Cloning and Expression of PhytaseappA Gene from *Shigella* sp. CD2 in *Pichia pastoris* and Comparison of Properties with Recombinant Enzyme Expressed in *E. coli*"**. Group A (Clara Miranda, Sonakshi Thakur and Suveksha Lama) presented on **"Probiotics for health: Current progress and applications"**, the group discussed about the newer probiotics introduced in the market and also about the research revolving around it's usage in PCOS and colon cancer patients. Group B (Sayani Roy and Bhaskar Roy) presented their seminar on **"Microarray Technique"**, it's methodology, applications, advantages, disadvantages and future prospects. Group C (Abhigya Chhetri and Tanmay Dhar) presented their seminar on **"ON COLYTIC VIRAL THERAPY"**. The group talked about the usage of viral strains for the destruction of tumour cells, it's mechanism, the current biopharmaceutical drugs approved and future of the same. In session II, Ms. Barsha Dey, Assistant Professor presented her seminar on the topic **"Bioinformatics approach for understanding effects of Transposable elements on the life style of Tea pathogens - *Colletotrichum spp.*"**. The presentation focussed on the emerging role of bioinformatics in the study of the tea pathogen and how its study can lead to reduction in the spread of the disease and its subsequent economic losses. Group D (Argharupa Saha and Janardan Roy) presented on the topic **"Innovative and Emerging Technologies in Food Preservation"**. The group discussed the various newer food preservation techniques like Pulse electric field, Dense Phase CO₂, Cold Plasma and its usage in current times and how

can it's use could be extended in an industrial setting. Group E (Kanupriya Tirkey and Sayanti Bhowal) presented on the topic **"Rapid Identification of microbes by Vitek 2 system"**. The group explained about this newly developed system and its use for the identification of microorganisms using the Vitek cards and also touched upon its usage in antibiotic susceptibility testing. In session III, interactive session wherein the professors and students asked questions and a fruitful exchange of knowledge occurred. In this session, feedback of all the participants were collected. All the participants had expressed their interest for attending more seminars of such kind. The probable outcome of the seminar was that students gained knowledge about various recent microbiological techniques and inventions. This kind of seminar will make the students efficient enough in presentation and develop communication skill.

The program ended with vote of thanks by Mrs. Nitya Rai (Assistant Professor; Dean of students). She expressed her gratitude to the Father Vice Principal, HoD, faculty members, all the participants, emcee of the program Namrata Das and Tanmay Dhar for photography.

With everyone, especially sophomores and freshers leaving with great enthusiasm and zeal, the objective of the program was achieved successfully and the department will come up with more numbers of such kind of seminars and workshops in near future.

~ **Abhigya Chhetri**
Semester VI

Deepika Mazumder
Assistant Professor
Dept. of Microbiology

Amelioration of stress by nutrients

Stress is a major cause of various modern day life-style diseases like hypertension, diabetes, cardiovascular disorder, anxiety, depression etc. Stress can be defined as any type of change that causes physical, emotional, or psychological strain. Stress is the body's response to anything that requires attention or action. Various forms of stressors affect us. Exposure to stressors results in a series of coordinated responses organized to enhance the probability of survival. These coordinated responses, often referred to as 'stress responses'. The stress effect is mainly caused by increased release of certain hormones like cortisol, corticosterone, adrenalin, nor adrenalin etc. Every physiological system is affected by stress by some way or other. Chronic stress causes greater cardiovascular output, increases pulse-rate, rapid or shallow breathing, gastritis, stomach upset, peptic ulcer. Effect of stress is very pronounced on the reproductive potential of both sexes and decreases libido. Prolonged stress can cause, impotence, low sperm count or polycystic ovarian syndrome (PCOD), vaginitis etc. Several behavioral changes are also noticed in a person suffering from prolonged stress. It leads to social withdrawal, isolation and even induce suicidal thoughts. There are several mechanisms by which stress can be reduced and one of the very important such mechanism is to intake right food i.e. nutrients. Someone who is in stress is not taking healthy food and it leads to cascading effect like they are induced to take certain stimulants and caffeine to keep themselves going but that increases adrenaline and cortisol level which eventually increases dopamine neurotransmitter and causes adverse effects.

This stress management can be done either by increasing serotonin neurotransmitter or reducing cortisol by affecting hypothalamus-pituitary-adrenal axis and there are certain stress busting foods which can exactly do that. There is an established mechanism of serotonin reduction mediated stress response in the dorsal raphe nucleus (dRN). Complex carbohydrates containing huge amount of fibre, vitamin, mineral, poly unsaturated fatty acid containing food can act as stress ameliorating food. There are so many case studies by which the process of stress amelioration have been experimentally demonstrated by providing right nutrients. With O-3 fatty acid administration amount of perceived stress was reduced compared to placebo group which did get the same food. Similarly in adult overweight men were provided with a mix of nutrients known to deliver anti-inflammatory effects (vitamin C, omega-3, and extracts derived from green tea and tomatoes) for 5 weeks. Measures were taken of blood plasma, fat tissue, and metabolic enzymes and it was found that stress markers were reduced to a great extent in treatment groups.

So, in conclusion it can be said that if food containing a variety of color, antioxidant-containing foods, organic foods (whenever possible), filtered water, herbs and spices, Omega 3s :- multivitamin and mineral formula with a high content of B-Complex can be consumed on regular basis then coping up with stress is possible to a great extent.

Dr. Tamal Mazumder
Assistant Professor
Dept. of Zoology

Study Tour

In the month of May that the Department of Zoology, NBSXC with a group of 21 students guided by Dr. Tamal Mazumder & Dr. Tanmay Mukhopadhyay arranged a 4D-3N study tour

to the Old Silk Route, Zuluk, East Sikkim. The journey started on 13th May, 22 at 10.00 AM from Siliguri junction and ends on 16th May, 2022 and reached Siliguri at 7.00 PM.

Departmental Students seminar

The Department of Zoology organized a students' seminar on 12th April, 2022. The seminar started at 10am in the college conference room.

The theme for Students' Seminar 2021-2022 was "Ecological Restoration"

The students were divided into four groups which was mentored by four faculty members of the Department and each group chosen the following sub-topics under the umbrella topic-

Group A: Grassland Restoration

Group B: Coral reef: save it to cherish or leave it to perish

Group C: Ecological restoration of Gut Microbiota

Group D: Clash of Civilizations: Perils of Ecosystem

Each group delivered one power point presentation and submitted an abstract under the supervision of their group mentors. Each group was allotted 10 minutes for the presentation and 5 minutes for the Q & A session.

Departmental picnic

The Department of Zoology organized a departmental picnic on 13th March, 2022 at Chalsa Youth Hostel, Mangalbari.

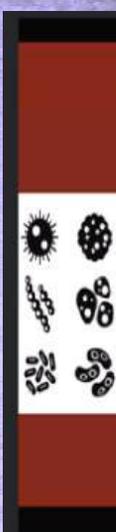
Priyanka Chakraborty
Assistant Professor & HoD
Dept. of Zoology

Biotech Start-ups reshaping career and health care innovations in India: Challenges and opportunities

Biotechnology has emerged as a fundamental part of the Indian bio-economic system and a frontline vicinity of technology with huge ability for the advantage of the human kind. Currently, Indian biotech enterprise holds 3% of the world wide market place proportion and is third biggest in Asia-Pacific region. Amid the pandemic, one of the industries that made a big boom needs to be the biotech enterprise without a doubt. Apart from the prescribed medication, human beings had been additionally flocking to get in contact with each day nutrients and different feasible vitamins too. The DBT (Department of Biotechnology) together with BIRAC (Biotechnology Industry Research Assistance Council) is playing an essential function within side the implementation and delivery of the flagship programs of the Government of India, such as 'Make-in-India' and 'Start-up-India.' DBT acknowledges the need for entrepreneurship improvement many of the youth and subsequently has taken initiatives to construct, assist and promote Indian biotech atmosphere in healthcare, agriculture and industrial biotechnology. Owing to the truth that the country's biotechnology enterprise is within side the increasement where in the possibilities are immense, biotechnology changed into selected as one of the champion sectors in Make-in-India initiative. Start-up India is a flagship initiative to construct a sturdy eco-system for nurturing innovation and start-ups within side the country on the way to force sustainable monetary increase and generate huge scale employment possibilities. The organizations beneath those biotech start-ups are acknowledged for imparting higher

diagnosis, exceptional drugs, and making medicines and Med-Tec merchandise to be had at an affordable price. ProCyto Labs is a non-public biotechnology business enterprise and is identified through each Start-up India and Start-up Odisha. The business enterprise is incubated in KIIT-Technology Business Incubator, KIIT-TBI, Bhubaneswar and fashioned with an objective to make highquality and affordable research products and molecular biology and diagnostic kits. The laboratory engaged in excellent research and offer revolutionary and inexpensive healthcare solutions, such as diagnostics and speedy detection of microbial infections, reproductive cancer and oral cancer. Apart from drug discovery the lab additionally focuses to provide customized services for protein expression and purification and custom antibody and protein array services. Though the hub of the business enterprise is on fitness care diagnostics and molecular biology teaching kits for university students, the alternative vicinity precedence areas of the company are Protein array and artificial intelligence. The goal at gets quality final results for growing fitness awareness and upgrading analysis facilities for betterment. With the growing technologies, the fitness care sector is likewise growing excellent with the assistance of those start-ups in India.

Speaker: Dr. Neera Singh, PhD, MBA
 Founder and Director,
 ProCyto Labs Pvt. Ltd.
 Bhubaneswar, Odisha, India



The Role of Gut Microbiota in Human Health & Disease

The human gut microbiota has become the subject of extensive research in recent years and our knowledge of the resident species and their potential functional capacity is rapidly growing. The human gut microbiota (GM) is a complex, dynamic, and spatially heterogeneous ecosystem inhabited by a myriad of microorganisms interacting with each other and with the human host, including bacteria, fungi, archaea, and viruses. The collection of all intestinal microorganisms genes represent a genetic repertoire, which is one order of magnitude higher than that of human genome. To some extent, it is also considered as the “essential organ” of human body. As the largest micro-ecosystem in the human body, GM is symbiotic with the host and maintains normal physiological processes in a dynamic equilibrium state. Our gut harbours a complex community of over 100 trillion microbial cells which influence human physiology, metabolism, nutrition and immune function while disruption to the gut microbiota has been linked with gastrointestinal conditions such as inflammatory bowel disease,

systematic diseases such as diabetes, obesity and also encompassing ulcerative colitis (UC) and Crohn’s disease (CD). Many significant recent studies that have centred on further enhancing our understanding of the complexity of intestinal communities as well as their genetic and metabolic potential. These have provided important information with respect to what constitutes a ‘healthy gut microbiota’ while furthering our understanding of the role of gut microbes in intestinal diseases. In addition, the abundance, diversity and evenness of GM are also important indicators to reflect the composition of intestinal flora. A great deal of research has produced evidence that GM disorder and its metabolites play a key role in maintaining host intestinal homeostasis.

The Role of Gut Microbiota in Human Health & Disease

Priyankar Dey, Ph.D.
Assistant Professor
Department of Biotechnology
Thapar Institute of Engineering & Technology

ti
THAPAR INSTITUTE
of Engineering & Technology
Patiala, Punjab, India

North Bengal St. Xavier's College: Aug 28, 2021
priyankar.dey@thapar.edu
https://priyankar.dey.com/

Participants: Priyankar Dey, Tanmay Mukho..., Arunava Son..., Ranita Pradhan, Abhishek Maja..., Reema Mantra..., Aditya Mahato, Shovan, Shibangee Gho..., Vivek Dutta, 38 others, You

Speaker: Dr. Priyankar Dey, M.Sc., Ph.D
Assistant Professor & PhD Coordinator
Department of Biotechnology
Thapar Institute of Engineering & Technology
Patiala, Punjab, India



REPORT ON ONE DAY TECHNICAL WORKSHOP “ADVANCED ETHICAL HACKING AND CYBER SECURITY” ON 12TH APRIL, 2022



Department of Computer Science & Application, North Bengal St. Xavier's College (NBSXC) organized a one day technical workshop on “Advanced ethical hacking and cyber security” by ISOEH, Siliguri on 12th April, 2022 in Smart Room (Loyola block).

industries and human life to protect ourselves from malicious attackers.

Mr. Sandeep Sengupta emphasized the need of ethical hacking and gave a practical representation on overview of Kali Linux, open source tools, port scanning with NGROK, OSINT framework, google dorks etc.



There was a wonderful interactive session where the students interacted with the speaker, clarify doubts and Asking interesting questions.

Mr. Sandeep also discussed about the eligibility for becoming ethical hacker and jobs, placement opportunities in future. Furthermore, Mr. Sandeep promised to come up with more innovative workshops in future to enlighten the students with his knowledge.

The programme ended around 1 PM with the vote of thanks. The seminar was very informative and innovative and provided the students with enormous knowledge on Cyber Security, Ethical Hacking and scope in ethical hacking industry.

~ **Sania Sinha**
4th Sem.

Dept. of Computer Science



Balai Gachh, West Bengal, India
NH 27, Balai Gachh, West Bengal 735135, India

The program was inaugurated at 11:00 AM with the welcome address by Mr. Partha Pratim Chakraborty.

This workshop aims at Cyber Security awareness and the basics of Ethical Hacking and overview of Kali Linux.

The introduction of the programme was given by Mr. Sandeep Sengupta, Director and CEO of ISOEH. He inspired us with his wonderful words and gave a magnificent speech on the importance of ethical hacking in

Accredited with “B+” Grade by NAAC

National Assessment and Accreditation Council (NAAC) Peer Team Visited to North Bengal St. Xavier’s College, Rajganj, on 10th and 11th September, 2021. An intensive compilation of the resources, teaching-learning, research, extension activities and progress made by the College during the last five years was made by the teaching, non-teaching and the NAAC Core Team, headed by Dr. Bipranch Kumar Tiwary, IQAC Coordinator. The NAAC peer team comprises Prof. (Dr.) Ramesh Kumar Pandey (Chairperson), Prof. (Dr.) Usha Arora (Coordinator). Dr. Dipesh Bhagbati (Member) visited the college in connection with assessment and accreditation.

On the first day, 10th September the peer team visit started with the welcoming of the team by the Principal, Vice-Principal, Coordinator, teaching, non-teaching staff, students and the alumni. Dr. Bipranch Kumar Tiwary introduced the principal and members of the committees. The team had presentation about the College by Principal Dr. Father Lalit P. Tirkey. The peer

team members visited all the departments where HoDs of the respective departments presented their departmental PPTs. The Team also verified the data and departmental files during the presentations. The team also inspected the Accounts Department of the College and assessed various financial matters of the College. Besides that, the team visited the various Certificate Courses, Computer Laboratory, English language lab, Smart Classroom and few other classrooms of the college and took stock of different student support services and facilities.

The meeting was held with Heads of Examination, NSS, Nature club, Women’s Cell and other clubs and committees. The team had the interactions with Governing Body Representative during the lunch session in Principal Ante-Chamber of the college. The Team also visited and assessed the facilities of Sports, playground, library, canteen, green landscape of the college, organic farming, tea plantation, etc. The team had separate interactions with the students, alumni and parents.





The peer team was also assisted by IQAC coordinators and members of the NAAC core Committee to visit and assess the various facilities of the Siliguri Campus of the College located at Gurung Busty Siliguri.

The two-day visit of the NAAC Peer Team was concluded with an exit meeting held in the Hall 1 of the College on 11th September 2021. In his welcome address for the exit meeting Principal Fr. Dr. Lalit P. Tirkey welcomed the gathering and thanked the team for the valuable suggestions with an assurance to work further in improving the College based on their suggestions. He also highlighted the role played by the College in providing education specially for the economically marginalized sections of the rural region and also in augmenting a new generation of students for contributing to the development of the nation with their knowledge. He earnestly hoped that everyone in the College would strive for taking the institution to greater heights through their dedicated work. Speaking on the occasion of the Exit Meeting, Prof. (Dr) R. K. Pandey, Chairperson of the team, shared his observations with the staff and students. The exit meeting was concluded with a vote of thanks by Dr. Bipranch Kumar Tiwary (IQAC, Coordinator). He expressed his gratitude to the Peer team members, Principal Vice Principals,

NAAC Core Committee, Dean of Students, HoDs, faculty members, non-teaching staff, students, alumni, parents and all stakeholders of the college for their contribution and cooperation throughout the preparation of assessment and accreditation by NAAC Team.

On September 13th the College was accredited with Grade B+ by NAAC. With this, our College, North Bengal St. Xavier's College, became the first in the North Bengal Region to be accredited with B+ Grade in its first cycle under the new system of assessment. The grade achieved by the College was a proud moment for all the stakeholders of the College. The Principal Dr. (Fr.) Lalit P Tirkey acknowledged the efforts of NAAC core committee (Ms. Nitya Rai, Ms Priyanka Chakraborty, Mr. Partha Sarthi Duta, Mr. Saikat Roy and Ms. Sharddha Rai) headed by Dr. Bipranch Kumar Tiwary. He congratulated all stakeholders of the College and said that the North Bengal St. Xavier's College will always strive for excellence in academics as well as in other co-curricular activities in near future.

Dr. Bipranch Kr. Tiwary,
Coordinator, NAAC Committee & IQAC
&
Asst. Professor & HoD,
Dept. of Microbiology

Celebration of International Women's Day 2022!

International Women's Day is celebrated on the 8th of March all across the world. The purpose of this day is to uphold women's achievements, recognize challenges, focus greater attention on Women's rights, and promote gender equality. North Bengal St Xavier's College Rajganj observed International Women's Day on the 8th of March 2022. This year's theme is "Let's all break the bias". This propagates on focusing and dismantling stereotypes and fighting discrimination against women.

The program started at 11:00 a.m. in the Smart classroom (Loyola Block) with a prayer song followed by the lighting of diyas by Professors, members of Women Cell, and supporting staff. An inspirational speech was delivered by the Convenor of Women's Cell, Ma'am Persis Mukhia. The introductory speech vocalized the upliftment of women from all walks of life around the world.

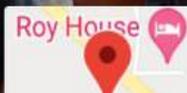
Heart-warming messages from the ex-students and our respected Sylvia Raha Ma'am were shown through PowerPoint presentations followed by a beautiful Hindi song sung by Soham Dey Choudhary (IV Semester, Department of English), Samanway Das (VI Semester,

Department of Zoology) and Sagnik Das (VI Semester, Department of Zoology). Their songs were melodious and we enjoyed listening to their numbers. Three non-teaching (supporting) staff (Didis), were felicitated for their dedication and service to the institution.

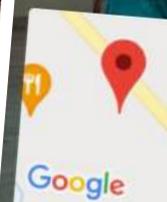
After this, there was a beautiful dance performance by Devrupa Dutta (VI Semester, Zoology Department) which conveyed a powerful message to the audience. The dance was followed by a Quiz Competition which was conducted by Professor Mr. Soumyadip Ghosh. Students actively participated in the quiz. They were rewarded with gifts for correct answers.

There were 71 members in total who participated in this event which comprised (13 teachers and 58 students). The overall event was very fruitful and enriching for all of us and we look forward to more events in the future.

~ Sulakshana Rai, Subekcha Sharma
& Swarnalata Naubagh
4th Sem.
Dept. of Sociology



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Webinar on Women in Leadership

Women are gradually making their leadership presence felt in entrepreneurship, administration, education, engineering, health and other aspects at regional and global levels, hence breaking the traditional glass ceiling that barred them from entering leadership positions.

On the 24th of January 2022, The Women's Cell of North Bengal St Xavier's College organized a webinar on the topic "ROLE OF WOMEN IN LEADERSHIP". The webinar was introduced by Akshata Moktan from 3rd Semester, Sociology department and was commenced with the welcome speech given by Ms. Persis Mukhia, the Convenor of Women's Cell.

The webinar proceeded with the motivational speech given by the Vice Principal Dr. Aparna Chatterjee, and the Head of the department of Sociology. She spoke about the Women in Leadership focusing mainly about the two Indian women, Savitribai Phule and Fatima

Sheikh. Savitribai Phule was a pioneer for women's education and rights in India. She was an Indian social reformer, educationalist, and poet from Maharashtra. She became the first female teacher in India 1848 and opened a school for girls. Fatima Sheikh who was an Indian educator and a social reformer, widely regarded as India's first Muslim woman teacher.

The second inspirational speech was given by Ms. Nitya Rai, the Dean of Students. She discussed about the various qualities, perspectives' and challenges of leadership along with a power point presentation. She started off with a riddle followed by highlighting the difference between a 'boss' and a 'leader'. She also mentioned to 'making a future where there are no female leaders, there will just be leaders.'

The final concluding speaker was Sir Soumyadeep Ghosh, Head of the department of English and member of the Women's Cell. He highlighted about leadership and feminism regarding Simone De Beauvoir, who in her book 'The Second Sex' says that "one is not born but rather becomes a woman".

It was then followed by the Vote of Thanks given by Ms. Priyanka Chakraborty, Head of the department of Zoology and member of the Women's Cell.

The webinar ended successfully with 93 students participation, along with the professors which made up to more than 100. The respective speakers enlightened us about the role of women in leadership, helping everybody to gain more knowledge. Further, The Women's Cell also assured to come up with more inspirational, comprehensive and enriching events and webinars in the future.

~ Akshata Moktan, 3rd Sem &
Yashaswini Pradhan, 1st Sem.
Dept of Sociology.



North Bengal St. Xavier's College, NSS Unit

Free COVID Vaccination Camp

Date: 12/11/2021

Free COVID Vaccination Camp organised by NSS Unit-I, North Bengal St Xavier's College on 12/11/2021 at college premises in collaboration with Rajganj Rural Hospital, Jalpaiguri. Students and staff members have taken vaccine.



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West Bengal State NSS Award Ceremony

DATE : 07/01/2022

West Bengal State NSS Award for academic session 2019-20 have received by North Bengal St Xavier's College on 07/01/2022 at Belur Math, Kolkata. Best NSS unit award for that above mentioned academic session received by Principal Dr. Fr. Lalit Tirkey, S.J and Best Program Officer award received by Mr. Baidurya Biswas. It was a very proud moment the college and the NSS unit and a blissful start of new year.



Unplastic Mahananda Cleanathon

Date: 28/03/22

Time: 7 am to 9am

Venue: Mahananda River

Today we had venture another acute natural reality . It is disheartening. To see river loosing it's own Self-cleaning elasticity due to pollutant affliction . It was regretful to see dogs drinking that water. Obviously it is a true and a blessing initiative to act according along with Eric Solheim(6th executive director UNDP) which vouchsafe us the opportunity to taste the acute reality . It also reminded us our responsibility and duty towards the waste.

It is not always how/what waste we produce but it's about managing it with humanity. I would like to emphasize that It is no sooner to awake than to regret it .



Save Soil Programme and Campus cleaning Drive

Date: 20/05/2022

On 20th May, 2022, North Bengal St. Xavier's College, Rajganj joined in to solve one of the most important and crucial problems that mankind is facing at this point of time, soil erosion.

The program was a joint collaborative approach by NBSXC and Isha Foundation by Sadhguru, convened by the NSS unit, the 4th Bengal Girls Battalion(NCC) and the X-istence (Nature Club). Isha Foundation is a nonprofit, spiritual organisation founded in 1992 near Coimbatore, India, by Jaggi Vasudev or better known as Sadhguru. The Isha Foundation conducts various social awareness programs like the Project Greenhands, Action for Rural Rejuvenation and now Save Soil.

Save Soil is a global movement launched by Sadhguru, to address the soil crisis by bringing together people from around the world to stand up for Soil Health, and supporting leaders of



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all nations to institute national policies and actions toward increasing the organic content in cultivable Soil.

The event began with the felicitation of the esteemed guests and volunteers from the Isha Foundation who had come to provide the students a deeper insight into the program. The Program further proceeded with the speeches by Dr. Baidurya Biswas, NSS Programme Officer, Dr. Aparna Chatterjee, Vice Principal (Academic), Fr. Bijoy Kindo, S.J, Vice Principal (Administrative) and teachers. After handing over the floor to the volunteers from the Isha Foundation, they educated the students of our college on the current issue with the medium of a presentation followed by various types of co-curricular events. These events included singing of the Soil Song and dancing to it, in which our students participated whole heartedly. We also had various other entertaining activities like the picture booth and the hand impression in soil water.

After completing with all these events hosted by the Isha Foundation, North Bengal St. Xavier's College, Rajganj, embarked on its cleanliness drive by cleaning of the college campus by student volunteers and teachers. The students and teachers did an impeccable job of cleaning the campus and setting an example for others to follow. The program, thus, made the students more aware towards the ongoing crisis around the world, so that, they can take the matter into their own hands and take action towards the same.

INTERNATIONAL YOGA DAY : 21st JUNE 2022



Rai celebrated the 8th International Yoga Day in hopes to spread awareness about the benefits of Yoga in day to day hectic and busy life. The event was followed by the two senior cadets, Swarnalata Naubagh and Christmine Khati, leading to do some asanas, which was followed by the crowd in the Yoga hall of the College. Overall, we were able to deliver the message well to the people and the event was a success.

The practice of Yoga postures is an ancient practice in India. Lord Shiva is considered to be the originator of Yoga. He is also known as 'Adiyogi' which means the 'First Yogi'. Yoga is an essential practice in life to keep the balance between body and mind. It is a combination of physical, mental and spiritual practice. Anyone can practice yoga irrespective of the caste, religion, gender, age, geographical region, etc.

International Yoga Day is a campaign to raise awareness among people about their lifestyle diseases, healthy minds and body by yoga. The International Yoga Day is celebrated every year on 21st of June. The idea of an International Yoga Day was first proposed by the current Prime Minister of India Shri Narendra Modi during his speech at the United Nation General Assembly on 27th September 2014. Since, 21st June 2015, the International Yoga day is celebrated across the globe every year. This year the theme of International Yoga day was 'Yoga for Humanity'.

Likewise, the cadets of 4 Bengal Girls Battalion NCC of North Bengal St. Xavier's College, Rajganj alongwith the CTO Mrs. Nitya



Bhumisha Rai
4th Semester, Dept. of Microbiology
4 Bengal Girls BN NCC



AZADI KA AMRIT MAHOTSAV REPORT ON FIT INDIA RUN 2.0 BY CADETS OF NBSXC-2021

Running can significantly improve physical and mental health. As a form of aerobic exercise, running can reduce stress, improve heart health and even alleviate symptoms of depression. It also helps to build strong bones, as it is a weight bearing exercise, strengthen muscles, improve cardiovascular fitness, burn plenty of kilojoules and help maintain a healthy weight. The way to make India a great nation is through a healthy person, healthy family, healthy society with a healthy thought.

Union Minister of Youth Affairs and Sports, Anurag Thakur, launched a nationwide programme of Fit India Freedom Run 2.0 on August 13, 2021 to celebrate the Azadi ka Amrit Mahotsav. Fit India Run was conducted from 15th August- 2nd October 2021 to encourage fitness and help us all to get freedom from obesity, laziness, stress, anxiety, acute diseases etc. During the pandemic, our daily routine almost came to a standstill which affected both physical and mental health and many had been affected a lot, thus to overcome this and lead a healthy life, our NCC Cadets actively participates in it. The cadets believed that only a fit citizen can contribute adequately to her country and fellow citizens in the time of need. They firmly believed that Fit India Mission will be successful only when it becomes acitizen's movement and for that all needed to play the role of a catalyst.

The cadets of 4 Bengal Girls Battalion NCC of our College took advantage of this opportunity and actively participated in the Freedom Run and motivated their family, friends and neighbours to join them as well. For this event, each Cadet was supposed to register herself in the website www.fitindia.gov.in. The Cadet could run a route of her choice, at the time that suited her, run her own race at her desired pace and most importantly track her kilometres manually or by using any tracking app. Social distancing, sanitization and



discipline was to be observed throughout the event. Each participant was asked to submit one action photograph of her running in the form of a pdf through the website after which an e-certificate of participation was issued after the campaign concluded. Our NBSXC Cadets participated in the Fit India Run 2.0 diligently during the lockdown, running the minimum distance of 3 kilometres, many of our girls ran up to 7 kilometres and uploaded pictures and was later rewarded with the certificates in return. The campaign proved to be very helpful in maintaining both physical and mental health, kept and active during the pandemic when the whole world had been wiped off by the threatening virus.

Fit India Movement was launched by our Hon'ble Prime Minister Narendra Modi on 29th

August 2019 with a view to make fitness an integral part of our daily lives and Fit India Run is a part of it. It manifested to be a very useful scheme for the Indians as a whole. It leads to achieve healthy and wealthy life by following the protocols proposed by the campaign. It was our honour and privilege to be a part of the Fit India Run 2.0 and wish to contribute more in the near future in campaigns like this.

PROUD TO BE AN INDIAN, PROUD TO BE A CADET

JAI HIND!!

~ Cadet. Christmine Khati

4 Bengal Girls Battalion NCC, Siliguri
4th Sem., Dept. of Botany

75th Independence Day Celebration

North Bengal St. Xavier's college, Rajganj, West Bengal, celebrated the independence day with joy and patriotism. It was organized in online mode by the 4 bengal girls battalion NCC of our college.

The Principal, Father Dr. Lalit P Tirkey, S.J in his short speech quoted about the struggle and importance of this day, and how our college has worked for the nation by contributing itself in social help during the pandemic, Supplies of food materials, medicine and sanitizers to the neighborhood villages.

He has also encouraged the NCC cadets to understand their responsibility towards the nation and play their role as a fighter of the nation.

By Moving forward, the cadets recalled the bloodshed sacrifices of our freedom fighters by giving speeches, self

made poem Recitation, patriotic song were sung.

A traditional bhartiya dance were also enacted by the cadets. A brief video of the history from colonial India to independent India.

The first prime minister jawaharlal Nehru declared that "At the stroke of midnight hour, when the world sleeps, India will awake to life and freedom".

The cadets pledge to safeguard the nation and will maintain the social distancing by wearing mask during the pandemic period and will perform their social work for the nation's citizens as a Cadet of NCC.

At the end we all stood up for the rendering and rousing national anthem. The program was successful by the efforts of CTO and cadets.





HEALTH AND HYGIENE PROGRAMME

Health and hygiene are basic personal need for all. Good hygiene is all about keeping yourself and your environment clean. Hygiene is essential for preventing diseases and maintaining good health. Excellent personal hygiene is also needed for maintaining social relationships.

To promote health and hygiene, in the year 2022, Social Service Cell of North Bengal St. Xavier's College conducted a Health and Hygiene Awareness Programme in Balaigachh village on 11th May under the guidance of Assistant Professor Ananya Das. There was a total of

19 participants from different departments divided into four different groups.

The survey conducted on 11th of may exemplified rural stereotypes, that are based on verbal opinion. It provided a brief but clear insight on the working and operation of healthcare centres, which deals with individuals first



hand. The ever-increasing population tends to hurdle and distort the demand-supply ratio. However, the collective input suggests the success and the evolving progress. Sanitary and hygienic practice could be seen at almost each household, maintenance of clean restrooms and green surroundings serves enough proof to outdo the false notion.

An unusual trend was strong belief and bold opinions, that can be a signboard pointing toward an optimum mental wellbeing (in general). Livelihood of most is either agriculture generated or directly related to the means of agriculture. Per capita space was comparatively more, which



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allowed them to live unsophisticated. Water filtration system was found in half the houses we visited, making it a 50% for the villages we were yet to visit.

Local panchayat has knowledge of this increasing issue of pure water, yet the individuals from household insists on using the river water.

We were notified on the active and ongoing efforts laid by the local authorities for the given issue.

Lack of knowledge and informative sources makes it difficult for the locals to keep up with change for better lifestyle, the local high-class families and those with access to first had information also do their bit of the job fair.

General population seems to be healthy in terms of physical and mental wellbeing. Issues like proper disposal of faeces will need some more time to vanish.

"Ignorance is bliss" seems to be a popular notion, yet with changing time and the availability of internet it is a constant struggle to provide a breakthrough to the notion.

A collective thought would comprise of mixed opinion, pointing towards a better

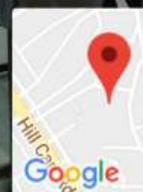
health of individuals, fair hygiene and uprising progressive general awareness, completely in contrast to the stereotypic false notion on rural population.

~ **Elitra Lingden Lepcha**
2nd sem., Dept. of Zoology



Career and Placement Cell Report for the Session 2021-2022

Serial No.	Date of Commencement	Programme details
1.	14th December 2021	<p>Career Counselling Session being conducted by ICAI (Institute of Chartered Accountants of India),</p> <p>Objectives of the Session:</p> <ol style="list-style-type: none"> 1. Making the students aware about the ICAI as a statutory body setup under an Act of the Parliament. 2. Making them aware of how to join the course and pursue the CA course. 3. Making them aware about the career opportunities and the role played by Chartered Accountant members for the government and the society. 4. Taking queries from the Students on the CA course and resolving them.
2.	5th April 2022	<p>Seminar on "Management As A Career Option" by Xavier's Business School Kolkata.</p> <p>The primary objective of the session was to brief the student on the benefits and career prospects after undergoing a professional PG programme within the MBA Curriculum. Also to provide an overview of Xavier's Business School, Kolkata Campus .</p>
3.	18th April 2022	<p>INDUSTRIAL VISIT at ZYDUS HEALTHCARE Ltd, Majitar Unit, Sikkim.</p> <p>The objective of the visit was to help students understand what goes within the pharmaceuticals industry; and to provide a minimalistic contribution to the learning process of research and development in pharmaceuticals industry.</p>
4.	19th April 2022	<p>A Seminar was conducted followed by a scholarship at NBSXC, Rajganj Campus by RICE Group on the topic entitled 'Explore the Career opportunities in Govt. sector & unlock the potentials in you.</p> <p>The Resource Person was Mr. Sanjiv Paul.</p>



Serial No.	Date of Commencement	Programme details
5.	07th May 2022	Campus drive conducted by Fortune Securities, Siliguri. A reputed investment company based in Siliguri. For the vacant positions of Sales Executives and Relationship Manager. Mr. George Peter Kujur from B.Com (programme) and Ms. Pratikcha Sharma from BBA (HR Spl.) 6th Semester has been selected as employees by Fortune Securities.
6.	17th May 2022	Inter College Pool Campus recruitment drive conducted by "Extra Marks" for the job position of Business Development executive. A total of Four students were shortlisted for the Group Discussion Round both from NBSXC, Rajganj and Siliguri Campus.
7.	28th June 2022	MoU Signature between NBSXC, College and Young Indians (Young Indians (Yi) is a movement for Indian Youth to converge, lead, co-create and influence India's future and an integral part of the Confederation of Indian Industry CII).
8.	11th July 2022	Off Campus drive conducted by DreamDesk Education Services for the below enlisted vacant job positions: Tele Counsellors - 10 Office administrator/Finance & Loan executive - 04.
9.	12th July 2022	Campus drive conducted by Ergode IT Services for the vacant Job Positions of Operations Executive and Business Analyst.

~ Sekh Raunak Mondal
Convener, Career and Placement Cell



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Siliguri, West Bengal, India
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Music club, NBSXC has always tried to bring some new activities which will not only increase the interest of students but also help in the inner development of the students. Throughout the year the club has organized or participated in some important events inside/outside the college. This year the students of the club have participated in Inter-college fest organized by Salesian College, Siliguri held on 12th and 13th April, 2022. Our students have participated in categories like Indian Solo, Western solo, instrumental and Band performance in that fest. They secured second prize in Western solo, third prize in Instrumental and second prize in Indian solo. The students also participated in the X-travaganza program held on 25th and 26th march, 2022. During the event, the students delivered college prayer song and performed a group song. The college band selected by the Music Club performed on the stage in the second Day of the event. The students also participated in the X-celence program held on 15th -16th June 2022 where the music club students did a Medley and instrumental performances.



Siliguri, West Bengal, India

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Dr. Deepika Mazumder

Assistant Professor

Dept. of Microbiology



“Nurture the Nature” - Earth Day celebration by X-istence

X-istence, NBSXC has always set an exemplary standard for conducting activities to aware society to save nature and offering a better environment to the next generation. We always conduct activities that are not only fun but students learn a great deal from it. With the same perspective in view, a Poster-making competition was organized to celebrate Earth Day by X-istence, the nature club at North Bengal St. Xavier's College, Rajganj.

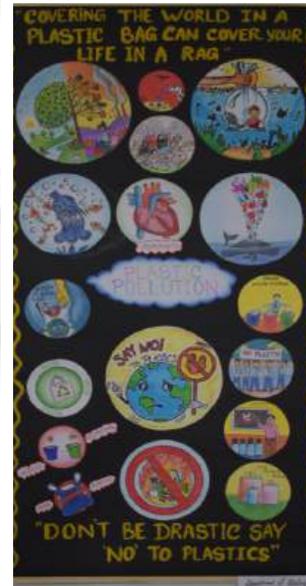
Earth Day is celebrated around the world on 22nd April as the anniversary of the birth of the modern environmental movement in 1970. It is the day to encourage environmental protection, tree plantation, reuse, recycling, and helping the planet to thrive. This year due to an internal assessment examination, the Earth Day celebration had to be postponed and celebrated on the 5th of May 2022. A poster-making competition was organized on the topic: Plastic Pollution. More than 50 students actively participated in 14 separate groups, from the different departments of both campuses. The participants enthusiastically expressed their ideas through exquisite handmade paintings and magnificent 3-D posters. We were honored to have Shri Badal Debnath, Retired Deputy Conservator of Forest, WBFS as our chief guest on this occasion. The event was inaugurated in the presence of our chief guest and judge Shri Badal Debnath, Principal Fr. Dr. Lalit P. Tirkey,

S.J, Vice-Principals Dr. Aparna Chatterjee, Fr. Bijoy Kirti Kindo, S.J, Ms. Sanjukta Mitra, Dean of students Ms. Nitya Rai, in-house judge Dr. Chandrani Chowdhury, Convener Ms. Barsha Dey and all other mentors of X-istence. More than 100 students were in the audience apart from the participants enjoying the creativity and vision that were displayed through the posters. Students participated from all academic backgrounds with immense zeal and enthusiasm.

The first prize and third were bagged by Vivek Dutta & group from dept. of Zoology, and Chayanjit Dasgupta & group from BBA, Siliguri Campus, respectively. The Nikita Singh & group from the Dept. of Microbiology as well as Manu Saha & group from B. Com, Siliguri campus were jointly awarded for the second position. Monalisha Mondal and Srishti Adhikary were awarded as best speakers. The event ended with the prize distribution ceremony and a beautiful song performed by Tenzi Namgyal Bhutia & group. It was a proud moment to observe the young minds involved in expressing the message of saving our mother Earth and providing a greener environment to our future generations through their creativity.

~ Barsha Dey
Convener, X-istence





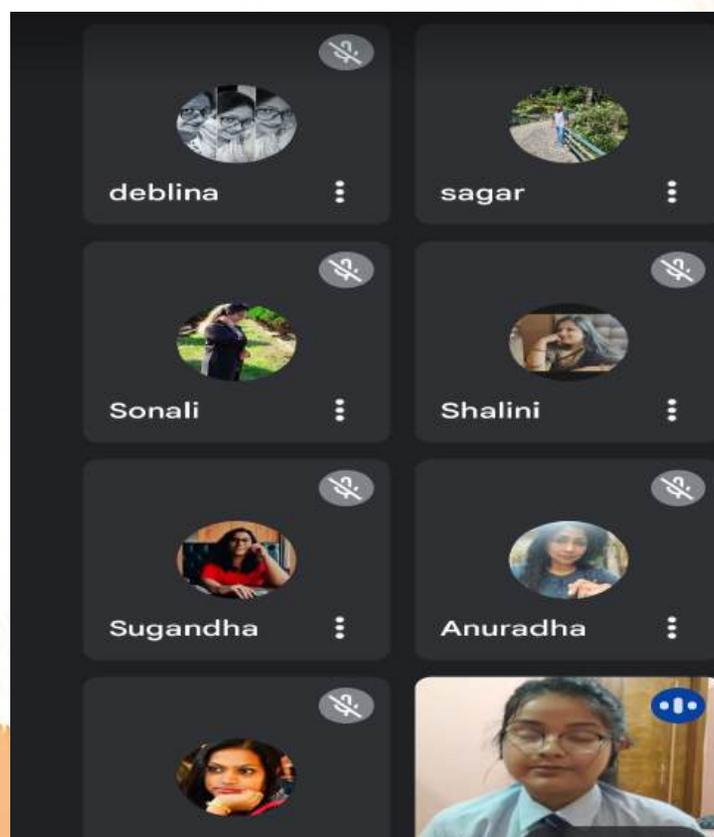
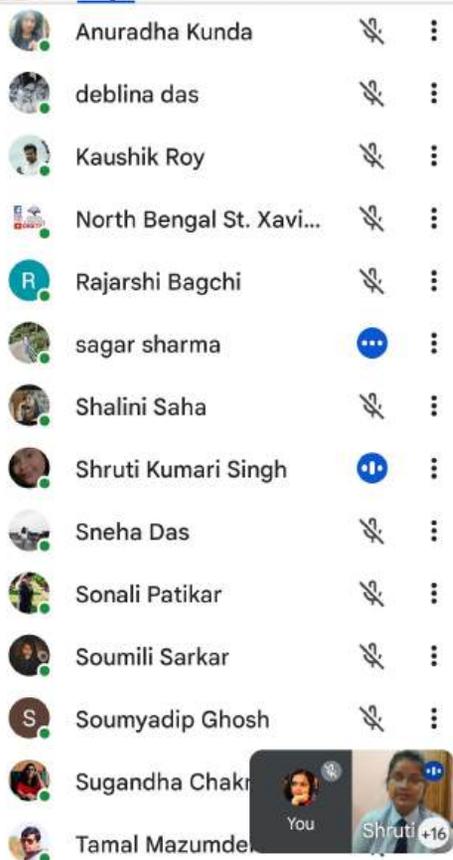
The Quiz and Debate Club (NBSXC) organises X-PERIENTIA: An Intra-College Speech Competition

The Quiz and Debate Club of North Bengal St. Xavier's College organised 'X-PERIENTIA: An Intra-College Speech Competition' for all the students of the college. Student-participants were offered two topics to choose from while preparing their speeches, namely, 'Do lockdowns inhibit creativity?'/ 'Does social media make us less socially active?'. All the guidelines for submissions were circulated beforehand and draft-submissions were collected from the interested students. After sifting and sorting through the submissions, twelve participants were shortlisted for

participation in the live online event. The online competition was held on a virtual platform (Google Meet), starting from 12 noon on 21.01.2022 (21st January, 2022). It was attended by the selected student-participants, the esteemed judges of the competition, and the members of the Quiz and Debate Club (NBSXC). The programme began with the introductory speech by Mrs. Payel Saha, Convener, and concluded with the declaration of result by the honourable judges. The competition was judged by Dr. Anuradha Kunda, Associate Professor,

Dept. of English, Malda College and Mr. Kaushik Ray, Assistant Professor, Dept. of English, Cluny Women's College (Kalimpong). Following the decision of the respected judges, Soumili Sarkar (3rd Semester English Hons.), Sneha Das (1st Semester English Hons.), and Aakanksha Datta were adjudged as the first, second, and third position holders respectively. The entire event was simultaneously streamed live on the college YouTube channel. 'X-PERIENTIA: An Intra-College Speech Competition' proved to be yet another successful attempt by the Quiz and Debate Club (NBSXC) to reach out to the student community of the college in a meaningful and entertaining way.

~ **Rajarshi Bagchi**,
Jt. Convener, Quiz and Debate Club
&
Asst. professor, Dept. of English



ANNUAL SPORTS DAY (X-UBERANCE), 2021-22

“Champions Are Not Made In The Gyms. Champions Are Made From Something They Have Deep Inside Them –A Desire, A Dream, A Vision”

~ Muhammad Ali

The importance of sports is an integral part of the education system that cannot be undervalued as it instils a spirit of sportsmanship, cooperation, and responsibility. The honourable Principal, college staff, and the students were excited about this special event. The annual X-UBERANCE was held on 16th March 2022 at the college campus.

The program commenced with the arrival of the chief guest Mr Kumar Dutta, General Secretary, Jalpaiguri District Sports Association, along with the guest of honour Mr Suresh Gupta, Football Secretary, Jalpaiguri District Sports Association.

The event cruised further with the hoisting of the College Flag, followed by the College Anthem singing and the Athletes' Oath taking Ceremony. After that, Principal Rev. Dr Lalit P. Tirkey, SJ, greeted the chief guest and guest of honour with khada (Traditional Shawl) and a souvenir, followed by his welcome speech. Next, the chief guest encouraged athletes with his motivational speech and addressed the value of physical fitness, which is an essential part of education and cognitive strength.

The annual meet finally started with 100 meters race for boys, and subsequently, other sports activities were conducted in sequence. Some of the students performed very well and won multiple prizes. A total of 30 events

were conducted for males and females. The most awaited prize distribution ceremony was organized at the end of the events. The college's principal, vice-principals, and dean of students distributed all the accolades to the winning participants.

The event was concluded with a vote of thanks from the dean of students, Prof. Nitya Rai, who praised everyone for their diligent hard work throughout the month to organise a successful sports meet. The audience sang the National Anthem as the programme came to a close.

~ Subrata Roy

Convener, Sports Committee





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ORIENTATION PROGRAMME 2021

“You’re off to great roads,
Today is your day!
Your mountain is waiting,
So, get on your way!”

North Bengal St. Xavier’s College, an esteemed institution located amidst the lush green landscape, is always ahead in curricular activities which includes a firm warm welcome to the new comers to the Xaverian family.

We consider the new comers as an important pillar that adds strength to the institution once again.

The “Xaverian family welcome you as the name of freshers, giving best wishes for your brightest future, you will get the opportunity to success in life.”

Like every year orientation programme was held on 20th September, 2021 to welcome the freshers and to get familiar with the rules and regulations of this institution.

The programme started with the auspicious event of lighting the lamp, by Father Principal Fr. (Dr) Lalit P. Tirkey, SJ, Vice Principal Dr. Aparna Chatterjee, Father Bijay Kindo, S.J, Father Gabriel, S.J and one student representative. Followed by welcome message of Respected Father Principal. The event was organised by the members of the cultural committee, with Dr. Soumya Mitra as the convener.

There was a series of performances held to portray and enhance the talents of the students as well as to entertain the welcoming students and few speeches worth remembering by our respected professors.

Welcoming song performance by Anamika Paul (3rd Semester, Department of English) was indeed a mesmerising one. Some significantly great words in the message of Vice Principal (Academics) Dr. Aparna Chatterjee were indeed great. Dance performance by Debrupa Dutta

(5th Semester, Department of Zoology) was a mood booster for all. The faculty members of all the Departments were introduced to the new comers. Following recitation by Sobhodip (5th Semester, Department of Zoology) was a deep one. Excitement was sharp in everybody watching the wonderful Dance Performance by Sneha Singha (5th Semester, Department of English). Deep words by Vice Principal (administration) Father Bijay Kindo S.J in his message was blessings to the ears. Group song by Samanya and group (5th Semester, Department of Zoology) created an atmosphere of joy in the auditorium. Dr. Pavanbir Kaur in her Vote of thanks assured the new comers of some great years ahead in the Xaverian family. The Orientation programme ended with the College Anthem. The whole program was a successful one.

From our experience we can say, time passes by too quick. It feels like just couple of days back we started our college life with the tag of Xavierians, though it’s nearly our time to say goodbye. Beginning the life after school is difficult with no old friends, new college, new place but the good time awaits you and it will be the best for you in the NORTH BENGAL ST. XAVIERS COLLEGE. We still remember our first day in the campus where we knew none, were shy and hesitated to talk amongst each other, but as said good time awaits- we are enjoying our college life to the fullest with friends from our department as well as other departments and we are always guided by the respected professors in every step be it problems related to studies, classes, education or any other problems they are always ready to help.

Welcome all the new comers to NORTH BENGAL ST. XAVIERS COLLEGE.

~ Samik Saha Roy
Ria Chanda

(5th Semester, Department of Geography)

THE ANNUAL XAVERIAN GALA: XTRAVAGANZA, 2022

After a two year halt owing to the pandemic, North Bengal St. Xavier's College organized its annual cultural programme, "Xtravagnza" on the 25th of March, 2022 in the college premises. The event was graced by the presence of the chief guest, the Honorable Mayor of Siliguri, Mr. Goutam Deb.

With enthralling cheers and applause, the event was inaugurated with an array of opening performances: the Music club of the college marked the beginning with a soulful rendition of the college prayer song, followed by Ambalika Das, who gracefully presented the opening dance. Soon after, the honorable chief guests, along with the eminent panel of judges were welcomed in the true Xaverian fashion with khadas and bouquets. Following an array of opening song performances by Anamika Paul, followed by Reet Dutta and Samanway Das, the honorable chief guest, judges, vice-principals and the principal together lit the lamp, marking the beginning of the event. The Chief guest propelled the event with his enlightening message, recalling his ties with the Xaverian families and his admiration towards them. The principal of the institution, Fr. Dr. Lalit P. Tirkey, S.J., too followed with an insightful speech highlighting the college's academic, infrastructural and extra-curricular progress.

The event moved further with the commencement of competitive events where students across different streams and semesters competed against each other in each category. Beginning with the category of classical solo dance, Debarupa Dutta, Pallabi Mahato, Sneha Singha and Priyanka Mali graced the stages with their dance performances. Extending

the soulful aura of the event, the Indian solo song category unleashed yet another wave of blissful voices with Reet Dutta, Aakanksha Datta, Ananya Acharya and Utsab Karjee. With the audience still cheering and grooving, the Western Group Dance saw a close competition with two energetic dance groups, Tulsi and group, followed by Yashmin and group. One of the most prominent values followed by the Xaverian family is the diversity and co-existence of multiple cultures as fellow Xaverians hail from multiple regions across the country. As a tribute to this spirit, the regional song category celebrated this vibrance with Sneha Roy, Shreyasi Roy, Anand Moktan and Tenzing Bhutia along with the folk group dance category with exhilarating performances by the Tibetan dance group, Lavani dance group and the Nepali dance group. The Western Duet dance category too, drew much applause and appreciation as the stage was boosted with the energetic impulses of Namrata Das, Khusi Prasad and Rohan Rana, Diksha Majumder's performances. On the other hand, the recitation category welcomed participants to explore the interplay and multitude dimensions of poetic words with Poly Sinha, Diya Chetri and Shiwanghi Rai. The western solo song category further drew huge applause and appreciation with the melodious renditions of Pragya Rai, Anurudh Pariyar, Khusi Rai and Aakanksha Datta. With a touch of the modern spirit of making things new, the fusion duet dance category aimed to blend the rich cultural classical dance from with the contemporary western dance forms brought to life by Ananya Deb and Mcnally Das followed by Simran Singh and Isita Saha. The classical solo song category further highlighted the vibrant, cultural Indian tradition with the mesmerizing performances of Samanway Das, Dhiya Sengupta and Priya Das.

As the students, staff members and guests reunited after a short lunch break, the event resumed with an interesting category called flip-flop, where each participant was to speak

simultaneously for and against a given topic, drawing participants across all streams: Sreemoyee Sengupta, Saptarshi Chatterjee, Rajarshee Bose, Arunava Paul and Eashan Paul. As the sun begun to set, the crowd only got more cheerful, welcoming the next category of western solo dance with the performers Pedenla Yolmo, Indrajit Kar, Harsh Sharma and Rohan Rana. Following suit, the Indian duet song got everyone on their toes with the soulful performances of Anamika Paul and Hritrisha Chowdhury, Apsara Lepcha and Dibyendu Sarkar, Reet Dutta and Samanway Das, Dhiya Sengupta and Soumili Sarkar, Eashan Paul and Santanu Raj. Marking an end to student performances the Indian group dance category brought thrilling performances by Manu and group and Pedenla and group.

As the event came to its end, the NBSXC staff members surprised the audience with their melodious musical performance, drawing bright smiles and applause. Finally, after a long yet enthralling day of vibrant and energetic performances, the winners and runners up for each category were announced by the Dean of students, Prof. Nitya Rai. The event came to an end with the sincere vote of thanks by Prof. Sanjukta Mitra, vice-principal of the Siliguri campus of the institution.

As a whole, Xtravaganza proved to be a huge success. It saw a bloom in growing participation, cheering and thrill as the institution finally organized an offline event after two long years of virtual celebrations. With all the students, teachers, staff members and other guests rejoicing in the cultural atmosphere, the Xaverian spirit truly shined the brightest.

~ **Koyena Choudhury**
6th Semester, Dept. of English

Celebrating Togetherness - X-hilarate 2022

After two long years of virtual classes and celebratory events, North Bengal St. Xavier's College organized its annual two day annual cultural fest in its vibrant campus from 25th March, 2022 to 26th March, 2022. While the first day of the event was organized by the college authorities, the second day of the event, titled "X-hilarate" was entirely an initiative by the Student Council of the institution.

Weeks before "X-hilarate", the Student Council was seen preparing diligently for the success of the event—something that was evident in every fleeting moment of "X-hilarate" on 26th of March, 2022 on the college ground itself.

The event began with a warm and interactive banter by the emcees, Rajarshee Bose and Sreemoyee Sengupta who paved way for the principal of the institution, Fr.

Fr. Dr. Lalit P. Tirkey, S.J to inaugurate the new title of the event, "X-hilarate" by releasing white and blue balloons into the sky as a symbol of exhilaration and joy. The event soon took a joyous turn with Indrajit, who graced the stage with his electrifying dance moves and set the right mood for the evening to sail through.

Following suit, Nancy and group presented a beautiful blend of traditional Indian and western dance forms through their breath-taking fusion dance performance. Attracting much appreciation, Aviproxy raised the agility of the event with a meaningful rap performance. Namrata and group's Western Dance performance too offered a vibrant spectacle to the audience.

With the sun beginning to set and the crowd getting wider, Prateek Sharma and Shreya Das took over the stage as emcees, paving way for the melodious performance by the Music Club of the college. With the

audience still grooving, Anurodh and Rakshata presented a beautiful blend of English and Nepali melodies. The College Band left no scope to take the note of exhilaration higher with their upbeat performance. To propel the course of events into a more diverse direction, Shraddha and group graced the stage with an enriching Nepali group dance performance.

Following such a mesmerizing performance was the most awaited Fashion Show with a theme of sustainability, aspiring to promote recyclable elements to be reused. Walking the ramp were varied students of the institution who reused commonly disposed materials like newspapers, plastic bags, wrappers and CDs, dazzling the viewers.

Finally, the event took another exciting turn as the popular band from the hills, The Travellers, played multitude of songs in varied languages, thus, paying tribute to each culture inhabiting the institution as well as getting everyone on their toes as they danced and rejoiced to their rhythms. The event came to a close with Mrinmoy Rishi, the President of the Student Council, who delivered a vote of thanks honouring the participants, students, staff members and the audience on behalf of the Student Council. As a whole, "X-hilarate" was undoubtedly a grand success. The entirety of the event was not only culturally vibrant, but also attracted a great number of students, ex-students and staff members, who rejoiced together as a family in the true Xaverian spirit.

~ Koyena Choudhury
6th Semester, Dept. of English

X-CELLENCE DAY 2022

Every zestful academic year at North Bengal St Xavier's College ends with an exuberant celebration, the rewarding of accomplishments, or as we like to call it the X-celence Day. The students who diligently worked throughout the year, eagerly awaits this day, as they all look forward to be rewarded for their hard work. The teachers and faculty members are also honoured for their accomplishments, in various fields, on this day.

X-celence Day, this year, was celebrated on the 15th June 2022. The Cultural Committee of the college took the initiative to organize a wonderful program, with an incredible line up of events, including various cultural dance, song, poetry recitation along with the distribution of the much-awaited Excellence Awards of the year. At 11:00 am, the function took off with the formal welcoming of the distinguished guests and the chief guest. This was followed by the ceremonial lighting of the lamps by Father Principal, Dr. Lalit P. Tirkey S.J, Hon'ble Chief Guest Dr Pranab Ghosh, the Registrar, NBU and other distinguished guests. Father Dr. Lalit P. Tirkey, SJ, the Principal, read out the College Annual Report outlining the accomplishments the college has made over the previous two years.

The start of the main event was marked with an outstanding and energizing dance performed by Sneha Singh. Then, our Guest of Honor, Professor Dr. Pranab Ghosh, a renowned scientist and distinguished professor in the Department of Chemistry at the University of North Bengal and the Registrar of NBU, addressed the audience with a speech which was both honest and motivating. The guests and parents were thereafter treated to a thrilling dance performance by Mcnelly Das and Ananya Deb. The PG and UG University Topper (1st and 2nd positions) excellence awards were conferred upon the awardees by the chief guest and the

principal. Thereafter, Akansha Dutta treated the guests to another melodious Bengali song. The faculty members recently awarded with Ph.D. degree were then felicitated. This was followed by an English poetry recitation by Siwangi Rai. Awards of excellence for Class Toppers in the University Exams (1st Position): Zoology, Botany, Microbiology, Computer Science, BCA and B.Sc. (prog) were presented to the awardees by the respective Heads of Department and the principal. With a foot-tapping performance, Dhiya Sengupta, prepared the audience for another round of excellence awards, given by the respective heads of department and the principal to the University class toppers of English, Geography, Sociology, History, and Political Science.

The second half of the function started at 1:20pm with a thrilling dance performance by Sneha Das and Barbi Sengupta. Continuing with conferring the Awards of Excellence, the Class Toppers in University Exams (1st Position): B.Com H, Rajganj, Siliguri Campus, BBA (Prog) Rajganj campus, B.Com (Prog) Siliguri and Rajganj, along with the Students who have represented the College in various Inter-College Events, University level Events (1st Position), District, State, National & International levels (All medal holders) were awarded with certificates and medals. Anand Moktan then charmed the guests with a refreshing song, after which the students and alumni were awarded for their inspiring Social Outreach Programs. The guests of honor then felicitated faculty members who have begun to supervise / co-supervise research scholars affiliated with any university. The prestigious Prof. Ashim Kumar Chakravarty Memorial Award of Excellence in Zoology was awarded to Vivek Dutta, final year student of the Department of Zoology.

The highlight of the Excellence Awards Ceremony, the STUDENT OF THE YEAR Award for Outstanding Performance in Academic &

Co-curricular activities was awarded to Koyena Choudhury from Rajganj campus and Chayanjit Dasgupta from Siliguri campus by the chief guest.

Although, the X-CELLENCE DAY awards ceremony was unlike any other, as it was based off of performances of the students' online assignments and examinations. However, it can be looked upon as a victory celebration for the ones who didn't let their laziness and procrastination get the better of them. This event served as a reminder that if we never give up, never back down in the face of adversity, and constantly move forward resolutely, we will be certainly rewarded for our efforts. The Music Group of NBSXC wrapped up the spectacular show at 3pm with a stellar performance. The Vote of Thanks was delivered by Father Bijay Kundoo, SJ, VP bringing the Excellence Day 2022 event to an official close..... that is until next year.

FAREWELL 2022

On the 16th of June, 2022 we celebrated the farewell 2022 bidding our beloved seniors goodbye with heavy hearts. The day was filled with mixed emotions as the seniors entered the campus wearing their uniform most likely for the last time which were going to be hung up after that day looking for just one another opportunity to be worn.

The day started with the seniors assembling in the lawn at 9:30 am for the group photographs to be taken of each department with the Respected Fathers, the head of departments and the faculty members. After the taking of the photographs the seniors gathered all over the lawn taking pictures with their teachers and classmates from their own and other departments and also with their juniors. The unity between the seniors and juniors of all the departments was truly beautiful to witness. After the seniors were done taking pictures, everyone was assembled in the auditorium for the farewell program to get

started.

The program started as the two emcees of the day, Pratik Sharma of Political Science Honors 2nd semester and Sreemoyi Sengupta of Microbiology Honors 2nd semester, took over the stage to start the function asking everyone to stand up for the college prayer after a short introduction to the program. After the college prayer, respected Father Dr Lalit P. Tirkey, S.J., Principal, NBSXC, Father Bijoy Kirti Kindo S.J Vice Principal Administration, Dr. Aparna Chatterjee Vice Principal Academic, Dr. Biprakash Kumar Tiwary IQAC coordinator and the college president Master Mrinmoy Rishi were called up for the lighting of the lamp to call upon God's blessings. After that, Father Principal was asked to give a farewell message to the graduating batch which was very motivating and thoughtful. After Father finished his message Anamika Paul took the stage for the opening song which was followed by another farewell message by Professor Nitya Rai, the Dean of Students. Then we had a very fun Nepali dance which really lightened up the mood after of the whole auditorium and it was evident everyone was enjoying the program rather than being sad. The emotions which were stirred up inside the graduating batch was hard for the emcees or the teachers to understand, however Koyena Das of the English Honors department, a part of the seniors took the podium to give a message on behalf of the whole 6th semester. The message was really filled with emotions and it was well understood how proud and happy she was to be a part of this institution and at the same time it saddened her deeply to part ways with it, and it was evident that the whole 6th semester shared her emotions. After the message from Koyena, we had Apshara and Dibyendu with a song which really uplifted the mood of the whole auditorium with their beautiful voices which was very much needed. This was followed by a very energetic dance performance by Priyanka Mali which gave that boost to the program which it

needed, and one only needed to look towards the end of the auditorium to find the students of all semesters gathered together swaying along with the dances and songs. As students of 2nd semester we only got to spend hardly a year with our seniors however we bonded really well and it hurt us to bid them goodbye so soon, and in order to convey our feelings Shreya Das of Microbiology Honors 2nd semester took the podium to give her message which ended with a beautiful song which was a pleasant surprise to all of us. Shreya's message was followed by a western group dance by Riya and her group of outstanding dancers. After that, a group of our very talented 6th semester students performed a couple of songs which filled the whole auditorium with nostalgia and merriment. As everyone thought that the day was coming to an end, Akansha and group gave us another mesmerizing performance which really made us feel in love with the energy of Bollywood. As a closing performance we had our college music club, a group of very talented musicians and singers on the stage performing for us a medley of songs of every language which was the perfect way to end the performances of the day. After all the performances ended, the two hosts signed off after calling up Dr. Aparna Chatterjee Vice Principal, NBSXC to convey the vote of thanks to each and every member of the cultural committee, non-teaching staffs and the students who helped in to make the day a huge success which was exactly what it was. This was followed by everyone standing up for the college anthem.

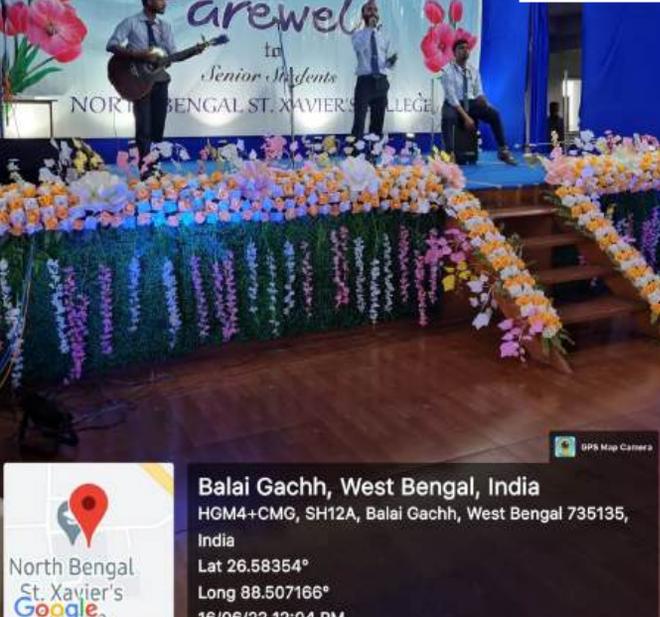
The 6th semester students then were led by the Respected Principal, Vice Principals and the heads of the departments for awarding with Khadas and Mementoes.

Lunch was prepared for the graduating batch on the ground floor of the main building and refreshments were ready for the volunteers, participants and the staff members on the 1st floor of the main building.

The day really turned out to be a massive success and yet parting ways is never fun we all were happy to have given such a nice farewell to our seniors hoping they will always keep us in our hearts.

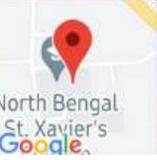
~ Pratik Sharma
2nd Sem,
Dept. of Political Science





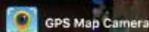
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Report on IGNOU Induction Programme at study centre 45015

An induction meeting for the new batch of learners (July 2021 session) of Indira Gandhi National Open University (IGNOU) was held on 27th March, 2022 at the study centre in North Bengal St. Xavier's College (Study centre code: 45015). Out of two hundred fifty-six (256) learners who enrolled themselves in various degree courses in IGNOU, fifty-eight (58) attended the induction meeting. Beside the new learners, the meeting was also attended by Dr. Praveen Pralyankar (Regional Director, IGNOU Regional Centre, Siliguri), Dr. Tamal Mazumder (Coordinator, IGNOU study centre 45015), Dr. Sourish Das Gupta (Assistant Coordinator, IGNOU study centre 45015), Fr. Bijay Kirti Kindo, S.J. (Vice Principal, NBSXC) and other office bearers of the study centre. The objective of the induction meeting was to share information related to various programmes, courses, syllabus, assignments and activities of IGNOU.

Addressing the gathering on the occasion, the Regional Director of IGNOU regional Centre, Siliguri Dr. Praveen Pralyankar stressed on the reasons for opening IGNOU study centres in different areas of North Bengal and assured full support from the regional centre. He apprised the learners about the mandate, objectives and achievements of the IGNOU, as largest Open University, offering education in hundreds of discipline through the distance learning mode. He said that the IGNOU provides opportunities for

enhancing educational levels for those who do not get time to attend regular classes in the conventional institutions and those who have not permitted to take admission in the conventional education system due to long gap after achieving certain educational standards from the conventional system. He laid emphasis on quality of educational materials and its flexibility. He also explained the details of IGNOU CBCS system of learning, initiated from the academic year 2019 -2020 to the learners.

Earlier, Fr. Bijay Kirti Kindo, S.J. (Vice Principal, NBSXC) welcomed the gathering and said that the support services from the College are always at the disposal of the learners and study centre 45015 is committed to help achieve their dreams.

In his nicely elaborated speech, Dr. Tamal Mazumder, Coordinator, study centre 45015 discussed the study plan and explained the programme objectives, programme structure, credit systems, counselling sessions, assignments, evaluation methodology and term end examinations. The Coordinator also advised the learners to attend the counselling sessions regularly for their own benefits.

~ Dr. Sourish Das Gupta
Assistant Coordinator,
IGNOU study centre 45015



Life in the Universe: Absurd or Obvious

The very existence of life beyond Earth is a multi-millennial question and a key determinant of future scientific researches and ventures by space and aeronautic agencies across the globe. Irrespective of the global economic crises for decades, the 'developed countries' with them thriving for supremacy have poured billions (if not trillions) of dollars in search of "Extra-Terrestrial Life". Therefore, the obvious question that floats up is "was there any real cue for such an extravagant effort to find life beyond earth and in the rest of the universe?" A complete understanding of this particular problem lies in the enormity and vastness of the Universe itself that humans started realizing since 1920s through the eyes of Edwin Hubble and images captured by 100-inch mirror of Hooker's Space Telescope at Mount Wilson Observatory, LA, California, USA. However, the secrets hidden in the darkness of space have attracted human minds since time immemorial and got reflected in the popular culture in nooks and corners of the planet wherever there were human civilisations, prehistoric or historic or modern. With fewer exceptions like "The Starry Night", a famous artwork of Vincent van Gogh, majority of such creative works remained engrossed by bizarre looking extra-terrestrial organisms without much scientific and logical anticipations. Thus, apparently humans across space and time loved to believe in the existence of 'ET's and sometimes in cognizance with the supreme power or 'God'.

The Big Challenge

Unbelievably, the biggest challenge for searching life outside earth is our lack of

knowledge and thus perception about life in a wider spectrum. So far, we could only explore a fraction of present-day earthly lives and some prehistoric ones through some accidentally well-preserved fossils. People of biological sciences have classified these organisms under a few Kingdoms (a biological Taxon) such as Archaea, Protista, Fungi, Plantae and Animalia, based on some common attributes shared by each member of any given Kingdom. But any possible Alien Life might be completely different from earthly ones and even might be made of different building blocks and biochemical components and moreover, may not appear as a living being as well. Then what will be the commonality of living entities across the universe based on which we can define life?

In fact, one of the most debated topics in the scientific fraternity has been the 'Definition of Life' since the second quarter of 20th century. Biologists have mostly emphasized on three aspects to define life – Nutrition, Locomotion and Reproduction. However, many biological entities have been discovered so far lacking one or more among those three attributes. Hence, biological definition of Life has been questioned by many scientists from different fields. According to Erwin Schrödinger(1944), a pioneer quantum physicist, life is "something that resists decaying to disorder and equilibrium". Presently, the most appreciated definition of life is the one provided by NASA in 1994 – "Life is a self-sustaining chemical system capable of Darwinian evolution". However, this definition has also been debated in the scientific fraternity as the Darwinian evolution may only be applied for earthly lives.

The next big and obvious question is “where to search the possible alien lives?”. Most of the celestial bodies known so far are either extremely hot or inertly cold and, in both cases, life seems impossible to thrive. But fortunately, many exoplanets have been found so far with rocky surface and floating water on it i.e., Hycean planets like our own one. The only problem with these planets is their distance from earth with the nearest of such planets (k2 12B) is 125 lightyears away. Even with the latest technology a probe will take several tens of thousands of years to reach the planet. Therefore, scientists have chosen to investigate the presence of biosignatures in these planets. These biosignatures include water vapour, oxygen, carbon di-oxide, methane etc. including the most potential one, Phosphene (PH₃), a pnictogen hydride gas that is produced on earth by anaerobic bacteria in anoxic (less or devoid of oxygen) environment.

“...And the Sun Shines Daily on the Mountain Top”

Deep diving into extreme geomorphs of our own planet is exposing the extreme abiotic environments already existing in this apparent cool, nice and heavenly globe. Such hell like places include the million years old thick polar ice caps, deep underwater trenches, mid oceanic ridges, hydrothermal vents, active volcanic craters, subterranean caves and water channels, deep sea muds, high altitude snow peaks, etc. Interestingly, the existence of life has been reported by scientific explorers in most of these apparent hell-like, lifeless and extreme environments and more interestingly, such geomorphs are very much abundant outside our world including the solar system. In fact, a recent discovery has shown

that a group of bacteria, GFAJ-1, is thriving in extremely saline and alkaline water of Mono Lake, California and these bacteria are using Arsenic, a poisonous heavy metal, in absence of phosphates to synthesize their DNA molecule. Hence, a very much unconventional life form is already existing in our own planet and no one knows right now how many more such forms are there. These findings have been tempting enough to probe some of the natural moons of other planets, viz., Enceladus, Titan, Europa etc. and with the largest and the most advanced telescope so far, James Webb Telescope, has started sending some exciting photographs of solar system and outer space our search for ET life has been refuelled.

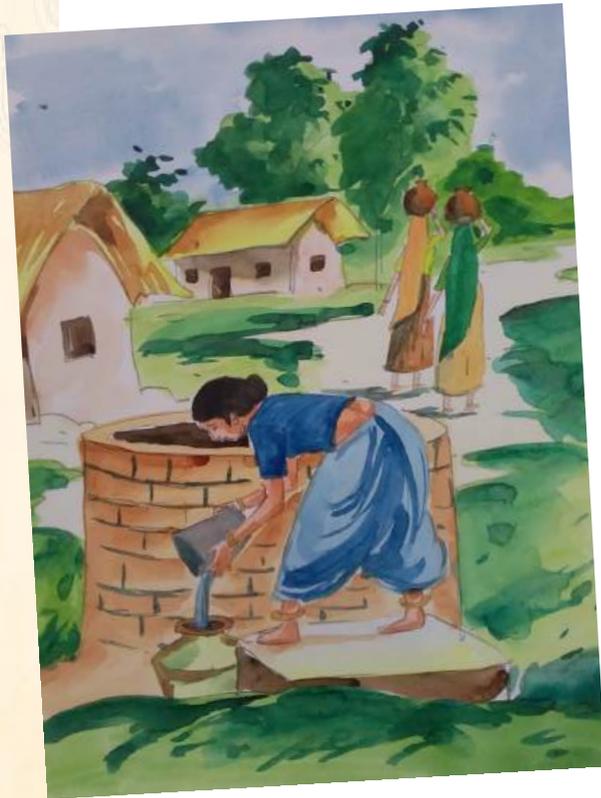
As we will keep exploring the cosmos with upcoming advanced techniques, new windows will open up for us to rephrase our existing knowledge of the Universe. We may come to know new galaxies more resembling the SARASWATI Supercluster which is supposedly dark matter and dark energy dominated rather matter dominated ones like the Milky Way or Andromeda etc. Thus, the future might tell us life is abundant in the Universe but Earthly life is most likely to be an absurd form.

~ **Dr. Tamal Mazumder**
Asstt. Professor
Dept. of Zoology, NBSXC

Another Woman

Another woman-
Every woman is an other woman
And so am I.
But you don't find me in poems or lost love-letters,
You neither find me in brothels,
Neither in candle marches,
Nor at dargahs or khwabgahs.

An-other woman,
With same bulges above and below,
Where you found tenancy,
At a feasible rate.
You groped for yourself
And you've swallowed bits and pieces of me in the process,
Woodcutter cutting out shadows,
Swindling within and without.
So did you find yourself?
Or did you find me?



~ Ayushi Majumder,
4th Sem, Dept. of English



~ Subhadeep Saha,
6th Semester , Dept. of Zoology,

I was the sky,
And you looked for borders,
But I exist-
Not in places you look for me.
I exist in your Becoming,
Between your dreams and awakening.
I exist,
In the amorphous nicotine dust
That trespasses your illicit nights.
I exist,
Spread through the evening sky,
When you recite Banalata Sen to the woman you slept
with last night.
I exist,
Not in your recital
But in those guilty pauses.

I am not an other woman to the listener,
I am the Other,
The shadow-
It is in light I exist,
It is in light I die.
I am another woman-
Banalata Sen

~ Alivia Basu
Ex-Student, Dept. of English

What have we learnt from 2020-21?

2020-21 have been the nightmarish years which will be very difficult to forget in our lifetime. They weren't just years of the deadly pandemic but are turning points in many of our lives. Personally, these years have done both good and evil to me. But undoubtedly, they have made me learn some invaluable lessons that will forever remain with me. The most significant of all is that "Family should NEVER be taken for granted". At any moment, what we have been blessed with can be taken away. The little we can do, is to spend some quality time with them and make the people around us feel special because they are the ultimate reason of our survival.

What I have learnt lately is that "Social media can be a real blessing as well". We all remember those days when we were not at our best, and scrolling through our Instagram feeds, those little viral reels used to instantly light up our moods. I mean who hasn't tried the viral Dalgona coffee recipe amidst these tough times, just to make ourselves feel better. Also getting exposed to innumerable lockdown stories all over the globe on social media, sometimes made us realise how privileged we're. There have been endless talks on "Addressing mental health issues". Turning to someone for help doesn't in anyway makes you weaker- "Vulnerability" is not weakness, it is the greatest strength that one can possess.

In these unforeseen times, I have realised that sometimes "I'll be there for you" is just a hoax. And that's perfectly alright because you have - YOURSELF. Developing a healthy relationship with one's own self is of utmost importance. Self love is not equivalent to selfishness - it's the greatest need of the hour. These unprecedented years have made us acknowledge that "Even the smallest amount of help has great value". I strongly believe that our monotonous, technologically dependent, urban day-to-day lives have made all of us very cynical. But we all need to admit

that in these crucial times, there's been a sense of community. We have endured and witnessed many agonising days "together as a world". We have definitely come a long way. And finally, we have recognised the real meaning of the phrase "Health is the ultimate wealth".

Well, I would like to wrap up by saying that 2020-21 are much more than those terrifying years. They are the years of awakening from the deep slumber to the bonafide meaning of life. All we have is now as life is fleeting. We never know what's the next day has in store for us. Make every moment meaningful and do not forget to hug your loved ones extra tight today and always.

~ **Hritrisha Chowdhury**
4th Sem, Dept. of English

Celebrity worship

Celebrity worship has now become a millennial trend. Yes, at times people are in fact guilty of loving a celebrity or sports personality just a little too much without it crossing the line of "idolatry". But they need to understand that they are nothing but puppets and being used by multi-billion corporates to trap the masses in their agenda of creating profits in unimaginable numbers. There is also a very bewitching influence from the media in general.

If we traditionally look at what celebrity idolatry is, then for example take someone who is obsessed with musicians closely at how they get elated with pictures, stories etc or collect merchandise etc. And it's quite evident in the behaviour. But if it's spending a lot of time and energy focusing on an entity that "doesn't know that you exist, doesn't care that you exist, doesn't do anything for you or about you", it's wasting your time like screaming into the wind.

This culture is a form of insanity. Nothing they do on a screen is real. Athletes, musicians,

all of that have nothing to do with who they are as people. The important people who actually matter to society don't seem to matter at all. At the end of the day they are just doing their designated job.

For these young people, following the false idols of body image, academic success or athletic achievement leads to dissatisfaction. The heavily marketed celeb lifestyle is false. Their fake fame invites insecurity, insecurity invites conflict, conflict breeds catastrophe.

~ **Roumit Rakshit**
4th Sem, Dept. of English

Who am I ?

Who am I? is the most ancient question which very rare people come to know. We are so busy in our life that we forget the base of our life i.e. breath. All the religion through its books and scriptures indicates us to know thyself as Greek Philosopher Socrates said 'Man know Thyself'. Since childhood we only learn or are designed to learn the ways of Living of the materialistic world only by the society but our spiritual realm remains untouched. Belonging to different religion and culture we perform several religious rituals but we are only constraint to these mere rituals only. We celebrate Diwali, Holi, Christmas, Eid, Buddha Jayanti, Baisakhi and many many festivals but do we really know the essence of these festivals? the answer is most of us we don't. Take an example of Hindu festival Holi, we put colours on each other, worship different Gods in our way and prepare delicious meals but do we ever try to know, why we celebrate Holi? It is celebrated because on this day a devotee of Lord Vishnu, a young boy of 4 years named Prahlad by his Bhakti won over his devil father who tried to kill him on several instances because he hated God Vishnu and considered himself the God of the World,as Bhakt Prahlad remembered the real

name of God, everytime his father tried to kill him,that real name saved him.Even her one of her aunt who was having a boon of magical shawl that did not catch fire, sat on fire with Prahlad on his lap,but due to the power of real name of God, Prahlad was saved and his aunt Holika was burnt,so is the power of real, holy name and from that day Holi was celebrated due to the victory of Good over Evil. The real Holi name of God is in our breath which is mentioned in Bible as Holy Name, Pak Naam in Quran, Pavan Naam in Hindu religious text and all other religious text. Incarnation of time which incarnate at different time spread the same Holy and Real name of God himself or by his messengers like Rama, Krishna, Christ, Mohammed, Buddha, Mahavira etc spread at their time.

Like we call salt as 'namak' in Hindi 'lovon' in Bengali, 'non' in Sadhri and Nepali and it has got many different name in different languages but the scientific, original name, the elementary name of it is sodium chloride 'NaCl'. In the same way the real name of God is not Ram, Krishna, Buddha, Christ Mahavira, Allah,etc but it is different. Do we ever try to know/find it?. The answer is no. Only human body has got the potential to know it, that's why it is considered as 'Crown of Creation' in Bible. In our busy life we try to know all other things but we do not try to know who we are? the most important question. Do we ever try to know the power or value of our breath? Our breath is very precious and in our breath there is real name of God.

When we want to learn English,we go to an English teacher, when we want to learn Maths,we go to a Mathematics teacher and when we want to learn Physics go to Physics teacher in the same way when we want to learn Spirituality, we need to go to the real Spiritual teacher of the time. The Real Master will give us the experience of it within us,he will not loop us in mere theory rather he will give us the practical experience of it. Every Spiritual master in his time gave the

same Spiritual knowledge to mankind crossing the barriers of caste, creed, colour etc. In present time also The Spiritual master of the time has come, only what we need to do is to search for him. The most important gift by God to us is this human body in which we can experience God. So my dear friend let us try to know thyself and grasp the golden opportunity but the challenge for us is that the thirst of the quest should be immense within us otherwise the force of materialistic world will never let us to go for it.

~ **Sishir Bhagat**
6th Semestser, Dept. of English



~ **Puja Ghosh,**
4th Sem,BCA

Is AI going to take your job?

You might be planning to kickstart your career as a graphic designer, a content writer or a video editor, and that's great!

But what if I told you that within the next 5-6 years, AI might take all of these occupations away from us humans? Let me tell you what you would do- you'll stop reading this article and start assuming that whoever has written this has no idea how AI or human creativity works. Well, let me prove you wrong. Hang tight because you're about to explore the world of self-learning AI that replicates human creativity much more effectively than we humans.

A couple of years ago, OpenAI (the AI research company) released a text-based model called OpenAI, which can write almost anything you ask it to.

Here are some examples-

I asked OpenAI to write a short horror story about a girl residing alone in an apartment in Mumbai and this is what it came up with all by itself.

" She had always been a bit nervous about living alone in Mumbai, but her job required it. So, she tried to make the best of it and made friends with her neighbours. One evening, she came home to find her door slightly ajar. She knew she had locked it before leaving for work that morning. She slowly pushed it open, heart pounding in her chest, and peeked inside. There was a man standing in her living room, and he turned to face her with a smile. She screamed and ran back out of the apartment, slamming the door shut behind her. She ran to the nearest police station and reported the break-in. The police promised to send someone over to investigate. She waited anxiously for them to arrive, but they never did. The next day, she found her apartment door wide open again. This time, there was no

one inside. She cautiously entered and looked around. Everything was exactly as she had left it. She heard a noise coming from the bedroom and slowly walked towards it. As she entered, she saw the man from the previous day, standing in the corner with a knife in his hand. She screamed and ran out of the apartment, slamming the door shut behind her. She never went back."

Not only this, OpenAI can write battle scripts, rap songs, cold emails, blog posts & the list goes on.

There's a tool called CopyAI, which requires its users to select the context and add some words. It automatically comes up with blog posts, Instagram captions, or any form of written content you want to publish on the Internet. And the scariest thing is - all these AI tools can do this stuff in a matter of a few seconds or minutes, which is way less than an average human would take to do the same task.

Talking about music, OpenAI released Jukebox, which can generate music along with lyrics. Just imagine how cool is that?

There are tools like Aiva which can help you create music of any genre with the help of AI in a matter of a few minutes, with no need to hire a bunch of music producers or invest in an expensive studio setup.

Now, all this is fine, but what about Graphic Design?

Well, there's a tool released by OpenAI called Dall-E-2 which took the entire tech industry by its storm. It is an AI-based image generation technology which uses information from the internet, then smashes it all up and comes up with a unique image.

DALL·E 2 can make realistic edits to existing images from a natural language caption. It can also add and remove elements while taking shadows, reflections, and textures into account.

What about video editing? AI has its hands-on video editing as well. There is a tool called Descript, using which you can edit videos,

and podcasts, add captions, record screens, and digitally dub your voice with AI much faster and efficiently.

Let's assume you are a graphic designer and have to create a thumbnail for a YouTube video. You will use your creativity and skills to create a thumbnail using software like Adobe Photoshop or online tools like Canva.

Now as a human, your creativity is limited to your imagination & your skills are limited to your experience. But that's not the case with AI. It has an infinite amount of data from the Internet, and it can compare all the relevant data in real time & come up with a thumbnail which will have the highest click-through rate, all of these in a matter of a few minutes if not seconds.

The question is - can AI replace human creativity?

I have read some research articles on human creativity, and according to them, our experiences make us creative. So, creativity is not magic, it's science. And the factors that make us creative are- our ability to imagine, visualize, & combine. Creativity is using past experiences and the power of imagination to come up with something new. AI can replicate human creativity by using data instead of imagination.

While human creativity can vary from person to person based upon their experiences and their power to visualize, that's not the case with AI. AI has access to infinite data available on the Internet.

To conclude, AI is not going to take away your creative job if you're good at it (in this case you can use AI to your advantage).

~ Anukiran Ghosh
4th Semester
Dept. of Computer Science

The Spiritual Soldiers

Three days before the Chemistry exam I was studying Organic Chemistry it was 11pm at night, and I was going with Anil my old friend, where he wanted to show me something and I was very angry on Anil and he came from Delhi to Kolkata, and then straight to at night time and that also 11pm.

Three chapters of Organic Chemistry were left and day after tomorrow we had our Chemistry final exams, and during this midnight you brought me to this graveyard Anil.

Sagnik here today I will show you the saint about whom I told you three days ago, do you remember? Anil had told me about a saint who comes at every midnight under this Graveyard's Banyan tree and talks to his followers.

I told Anil, "You see I remember what you said but I have my exams day after tomorrow and i haven't prepared anything yet." Anil replied, "Why are you so worried, let's hear what the saint tells today." I asked Anil, "But where is the saint, you told me he comes at one o'clock every midnight it's already one thirty, but sorry Anil I can't stay anymore.

Anil caught my hand and request to stay for just few minutes and I agreed to stay for more ten minutes.

After five minutes, it was one thirty-five midnight a saint with huge moustache and beard appeared with long hair and blue coloured eyes and many other men and women appeared. Next moment the saint started his teachings see my followers we are all living in this world of cruelty but nobody can see us ,and now it is our duty to save the live of other people from their dangers as we are now the soldiers.

The saint was saying and I was listening with surprise and I was thinking from where this saint has come and also with all these persons

and if people cannot see them, how am I able to see and why am I giving so much attention to this words, day after tomorrow is my Chemistry Examination and I haven't prepared anything yet. The biggest question was "How did Anil come from Delhi in this midnight?" As Anil's family left this place and went to Delhi forever.

The time was going and the saint suddenly saw us and called us, I got scared and wanted to go from there but Anil caught my hand and said, "Come he is calling us, come." I went with Anil and the saint said, "You both are my new followers and now you are one of them and you all have to save other people and I am going for now.

I saw the saint and followers suddenly got invisible nobody was there. Anil said, "Come on let's get on with the work." I asked, "Work, what work are you talking about?" He said, "Didn't you hear what the saint said, we have to save the lives of others."

I was fully confused my head was filling dizzy, as I couldn't understand anything so I asked Anil, " Hey man, how did you come to Kolkata from Delhi, suddenly this midnight and that also straight to my house and what as all this going on, please explain me."

Anil said, "You still cannot understand what is happening?" I nodded my head and he said, " Come let me show you something" I followed him and he took me to a railway crossing and there I saw a fully slashed dead body and looking at the body carefully ,I got shocked, the next moment, Anil said, "Sagnik, you are no more alive, you are dead, even that saint and those followers are dead people, and like I am also not alive, like you died in an accident, I also died in the same way in Delhi after two months moving from here, that how I got you, and they all are spirits and we two are also spirits like them."

I was shocked with Anil's word, I blamed myself, why I didn't listen to anyone, many people told me not to use the headphones while I am on the road.

I asked Anil, "So, you too died?" He said, "Yes as well as you that is why we could see the saint." I asked, "So, now what should we do?" We should now follow the saint words and help other people who are living so they don't have to die.

So, because of my own cause, I was now changed into a follower of dead saint and an spirit and now myis to save the lives of others, so they don't meet the same fate.

~ **Sagnik Basu**
2nd Sem., Dept. of English

To Sea

In my room, I cannot recall the month
When these thoughts came in English
Rather than my mother tongue.

In classes at noon,
These legs sense the earth screeching out of orbit,
Like an automobile in revolt.
This is recent.

Back then,
This body sailed the high seas on his father's
back,
Went to sleep in wait of the high seas next noon,
And sleep thus in wait of the next.
In a class many noons past,
I recall the month he had to be anchored to the
shore,
Slower than ever before.
I was in revolt.

In my room, often, in classes at noon,
I recall I'm in the prime of my youth,
Way overdue a trip of my own to that ocean.
And one of these days, despite the Earth,
Despite language, despite myself,
For that ship at shore, I'll choose motion.

~ **Srijon Ghosh**, Ex-student, Dept. of English

Let me tell you...

Let me tell you of the songs, We sang together
and swayed, Let me not tell you of the cries,
That behind the notes faded away...

Let me tell you of the poem, The precious ink
wrote down, Let me not tell you of the pen, That
bled itself in blue...

Let me tell you of all we have, Money and fame
and what nots, Let me not tell you of all we don't,
Love and joy and what ifs...

You love us if you think we are loved, Cause it is
easy to love a diamond,

But the earth is so much more, o great one, And
not all rocks have a name...

And not all leaves that fall from a tree, Into the
river, are seen,

But that one leaf might just happen to, Save a
drowning ant on a rainy evening...

~ **Apsara Dasgupta**
Ex-student, Dept. of English

My Lilies

I look outside at the lawn through the
broken windowpanes, coated over by suffered
torments of the vulgar hails...

I have been longing for someone to fix the
cracks and wipe the grease away, so I can catch
the glimpse of the savage squirrels again.

Or, so my dingy room can get the taste
of the warm sunrays, that falls parallel on the
rocking chair beside my bed, yet again.

Maybe I want to grasp the catch of the
busy roads and the twinkling street lights.

Or perhaps, I just want to see the Lilies
again.

I don't remember how they smell. I forgot
how much I loved its scent.

~ **Purnasha Kundu**
4th Sem, Dept. of English

My Body and My Friends

I have an alienating aura.
 My friends live within me. So many of them.
 In every moment, one of them dies.
 And we forget them.
 In every moment, we make a new friend.
 In the transition, another one has died.
 My body is a graveyard
 It is also a maternity ward of a government hospital.
 My body is a Hospital
 But it is also a Hospice.
 My only friend who lives outside my body is a city
 By the river-
 700 kilometers away.
 He speaks in a different tongue
 But he is the only one who listens to my stories.
 And I listen to him.
 We are friends because our bodies resonate.
 Within us-
 People die and People try!

~ **Ria Chowdhury**
 Ex-Student, Dept. of English

RETREAT

No, I'm not a romantic storyteller or a writer of fiction. I'm only a wounded and helpless observer of an ill-tempered, troublesome and backward-moving society. We know that a river from its source flows downwards to its confluence and thus maintains a rich source of marine life. But if the river starts drawing its water backwards to its source, what will be of those aquatic being out of water? I fear, the same thing is going to take place in human society too.

It is said that "MAN IS BORN FREE BUT EVERYWHERE HE'S IN CHAINS." He can't do what he likes and even he can't speak whatever he wishes. His doing and saying is limited by social approval and are taking place in such a kinetic rapidity that it becomes confounding whether those things are not socially approved. Anti-social activities like dacoity, robbery, murder & terrorism are becoming the everyday news of our society. And the shameful fact is that after such every incident stress is given more to find out the criminals' political identity to save them from legal punishment. Debates after debates continue. To think it is horrific that so many such crimes have been taking place in every nook and comers of our society beyond the curtain.

We feel proud to think that we are the members of a highly qualified, modern, and civilized society. But is this the specimen of a civilized society where the senior citizens are deprived of their dignity, where the parents have to pass painful hours with anxiety waiting for the safe return of their sons and daughters, where the relatives get panic-stricken not getting the answer from cell phones after a several calling? Or is it a qualified society where the teachers, artists, or intellectuals are harassed and humiliated? I also don't know whether modernity acknowledges the steady degradation of human taste and culture.

Nobody can back up himself from the



responsibilities of those misleading. Let's come and forsake the habit of blaming others. Everyone must have to incur all the responsibilities for those crimes.

"CRIMINALS ARE NOT BORN BUT MANUFACTURED"

We manufacture them to enjoy our pettiest. Have we ever counted how many good things and how many bad things have we done from morn to nights? Have we looked ourselves before the mirror of our souls? No, we have never done that; what have we done? We have perpetually pointed our forefinger towards others. Never have we thought that three more fingers remain pointing at ourselves whenever we point only one finger to the other.

Man, what lesson are you imparting to your juniors while you yourself are misbehaving with a man or woman of your father's or mother's age? What do you want to prove by capturing the part of a thickly congested bus or train by playing cards? What kind of manliness do you want to express by teasing a girl? What sort of civilization do you want to propagate by unveiling your nakedness? What future are you going to ensure for your children by assaulting the teachers for preventing your children from misdeeds or not allowing your children to the board exam due to poor results in school test exams?

"ARISE, AWAKE AND STOP NOT TILL THE GOAL IS ACHIEVED"

I feel sorry for the noble soul whose revolutionary call seized the slumbering of the night causing a great tumult among the masses. I feel sorry for all those great heroes whose selfless devotion and shedding blood brought the freedom back to an immature nation that has never known the value and meaning of 'Independence'.

Dominating over the weaker section is not a new one in human society. They have been suppressing not only the other being but also their homogeneity from time immemorial. They

have always wanted to assert their manliness by suppressing the women with their muscular power. Their sole concern has always been focused on deflowering the chastity of their female counterparts.

There is no way but to wait for the return of one more Swami Vivekananda, one more Mahatma Gandhi, or one more Netaji Subhas Chandra Bose to make those blockheads understand that might is not right. If it were so the gigantic dinosaurs would have not been deleted from this world or the terrific demon Mahisasura would have not fallen under the feet of Devi Durga.

~ Vivek Dutta

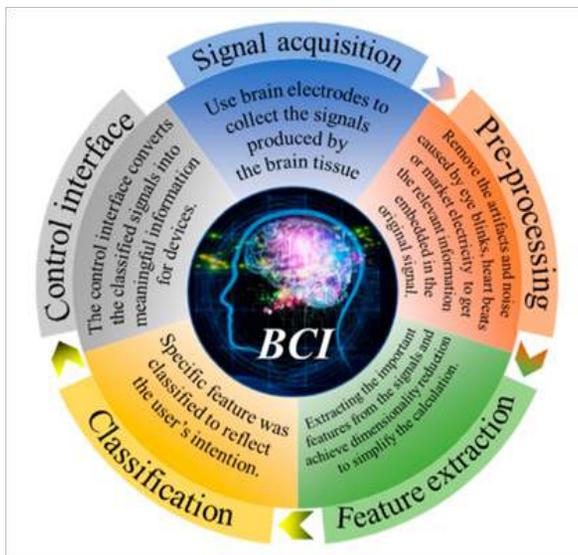
6th Sem, Dept. of Zoology

BRAIN COMPUTER INTERFACES

Any natural form of communication or control requires peripheral nerves and muscles. The process begins with the user's intent. This intent triggers a complex process in which certain brain areas are activated, and hence signals are sent via the peripheral nervous system (specifically, the motor pathways) to the corresponding muscles, which in turn perform the movement necessary for the communication or control task. The activity resulting from this process is often called motor output or efferent output. Efferent means conveying impulses from the central to the peripheral nervous system and further to an effector (muscle). Afferent, in contrast, describes communication in the other direction, from the sensory receptors to the central nervous system. For motion control, the motor (efferent) pathway is essential. The sensory (afferent) pathway is particularly important for learning motor skills and dexterous tasks, such as typing or playing a musical instrument. A Brain

Computer Interface (BCI) offers an alternative to natural communication and control. A BCI is an artificial system that bypasses the body's normal efferent pathways, which are the neuromuscular output channels.

A BCI is a system that records Central Nervous System (CNS) activity and translates it into artificial output that replaces, restores, enhances, supplements, or improves natural CNS outputs; it thereby modifies the interactions of the CNS with the rest of the body or with the external world. A BCI must have four components. It must record activity directly from the brain (invasively or non-invasively). It must provide feedback to the user, and must do so in realtime. Finally, the system must rely on intentional control. That is, the user must choose to perform a mental task whenever s/he wants to accomplish a goal with the BCI. Devices that only



passively detect changes in brain activity that occur without any intent, such as EEG activity associated with workload, arousal, or sleep, are not BCIs.

Fig: Components of BCI

Brain-computer interfaces, brain-machine interfaces (BMIs), direct brain interfaces (DBIs), neuroprostheses – what is the difference? In fact, there is no difference between the first

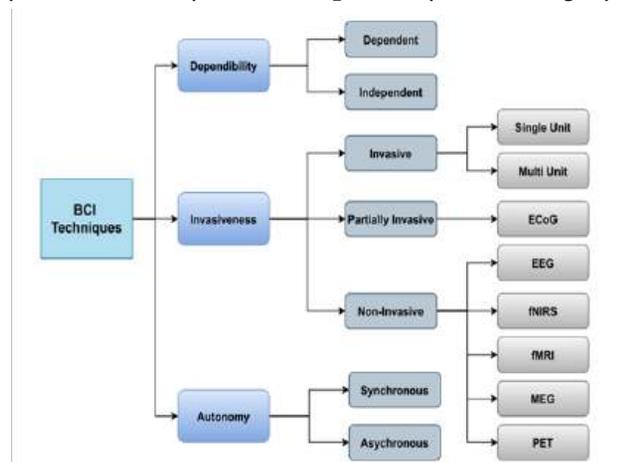
three terms. BCI, BMI, and DBI all describe the same system, and they are used as synonyms. “Neuroprosthesis,” however, is a more general term. Neuroprostheses (also called neural prostheses) are devices that cannot only receive output from the nervous system, but can also provide input. Moreover, they can interact with the peripheral and the central nervous systems.

Based on invasiveness, BCI is classified into three categories that are more familiar.

Invasive: The types of BCI that are invasive are inserted directly into the brain with neurosurgery. Invasive BCIs seem to be the most accurate even though they are implanted directly into the cortex as it is allowed to track every neuron's action.

Partially Invasive: Although this approach is not as intrusive, it still involves brain surgery. Electrocorticography (ECoG) is a sort of partially invasive BCI monitoring system that places electrodes in the cortex surface of the brain to produce signals with electrical activity.

Noninvasive: Noninvasive neuroimaging technologies have also been used as interfaces in human research. EEG-based noninvasive technologies and interfaces have been employed in a considerably more comprehensive range of applications. Noninvasive apps and technologies are becoming increasingly popular in recent years since they do not require any brain surgery.



In the noninvasive mode, a headpiece or helmet-like electrode is utilized outside the skull to

measure the signal by causing electrical activity in the brain.

Fig. Classification of BCI techniques

The range of possible BCI applications is very broad – from very simple to complex. BCIs have been validated with many applications, including spelling devices, simple computer games, environmental control, navigation in virtual reality, and generic cursor control applications.

In the recent times researches regarding BCIs have increased in a steep manner. But there are some issues also. Recent experimental results show how electroencephalographic (EEG) signals, recorded from consumer-grade

BCI devices, can be used to extract private information about a user. With sufficient computational power, this information can be exploited by others to make inferences about our memory, intentions, conscious and unconscious interests, as well as about our emotional reactions. Therefore, privacy and security issues arising from the misuse of BCI devices is an important issue that deserves immediate attention and careful consideration.

~ Saurav Karmakar

Ex-student, Department of Zoology

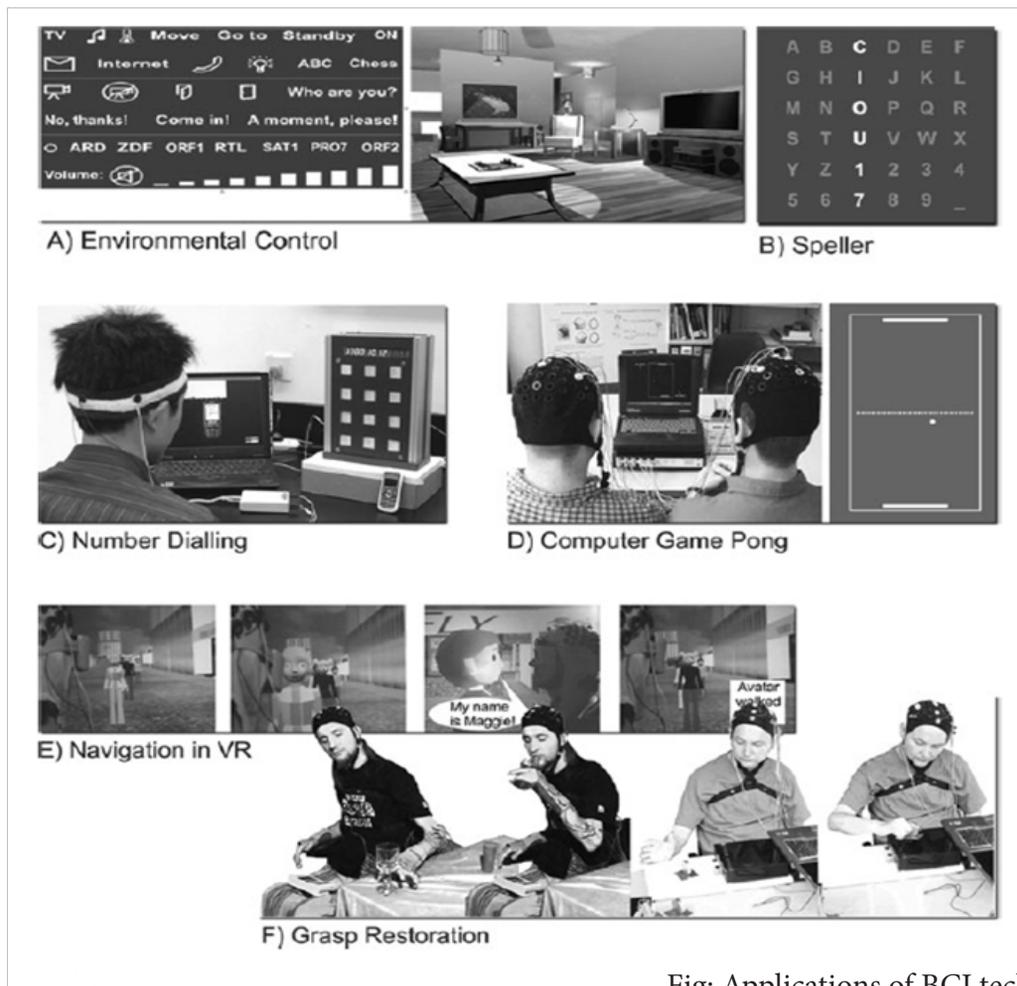


Fig: Applications of BCI techniques

TRADE AND COMMERCE

Rise and decline of Indian Trade (700CE-1200CE)

Introduction

- In the overall economic history of early medieval India, from 7th century to 12th centuries, trade and commerce played a very major role
- This paper includes :
- Historical features of trade in two broad phases
- Inland Trade
- Maritime Trade
-

TRADE DEFINATION

- The collection , distribution and exchange of goods is called trade
- It is a process which depends on a number of factors:
 - Nature and quantity of production,
 - Facilities of transport,
 - Safety security of traders,
 - The pattern of exchange, etc.
- It also involves different sections of society including traders, merchants, peasants and artisans.
- In a somewhat indirect manner, even political authorities have a stake in it as taxes imposed on articles of trade constitute a major source of revenue for the state.

PHASES

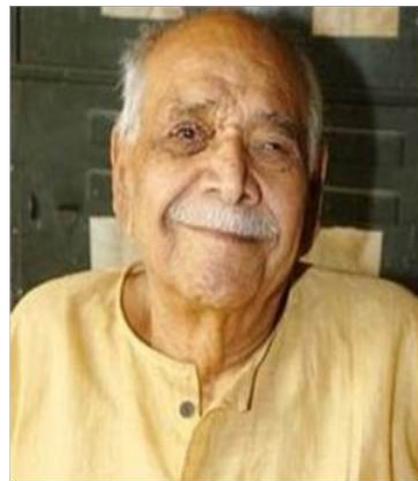
- Trading during the early medieval times, could be divided into 2 broad phases:
 - 7th to 10th centuries
 - 10th to 12th centuries
- Phase I is marked by relative decline of Trade, metallic currency, urban centers and a somewhat closed village economy .
- Phase II is marked by a reversal of most of the aforesaid tendencies of Phase I.

PHASE I(7TH to 10TH CE)

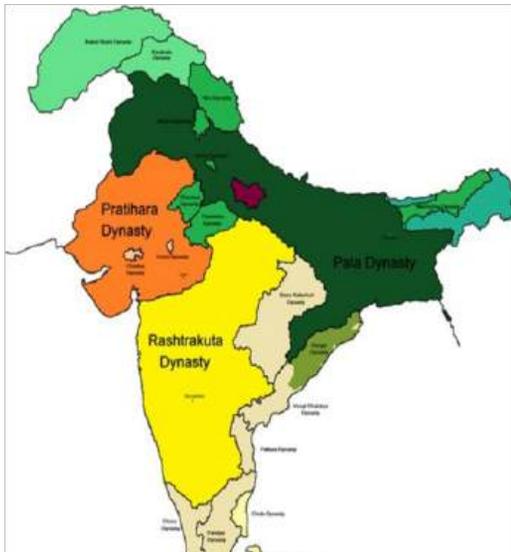
- This phase witnessed widespread practice of granting land not only to priests and temples but also to warrior chiefs and state officials.
- It led to the emergence of a hierarchy of landlords.
- Graded state officials also developed interests in land.
- These landlords extracted surplus from peasants, who were left with hardly anything to trade.
- It resulted in the growth of a rural economy where local needs were satisfied locally.

MEDIA OF EXCHANGE

- India was ruled by many important dynasties during the early medieval period.
- But it is astonishing to know that their available coins are very few and do not match the quality and quantity of earlier period
- Therefore, the absence of coins and coin molds point to the shrinkage of trade during this period. This was first pointed by R.S Sharma in his paper "Indian Feudalism"



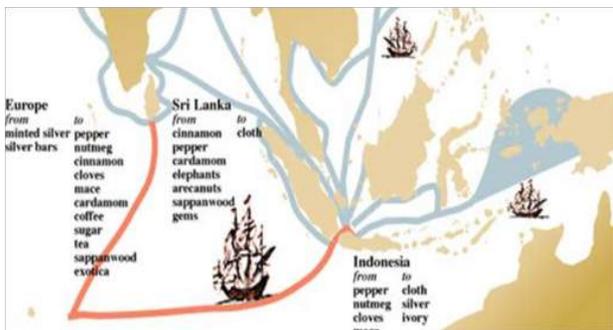
HISTORIAN R.S Sharma



Main Dynasties during this period



The trade route



Relative decline of trade: internal

- Internally, the fragmentation of political authority and dispersal of power to local chiefs had an adverse effect on the land grant economy.
- Many landlords resorted to loot and plunder or excessive taxes on goods passing through their territories.
- They must have dampened the enthusiasm of traders and merchants.

- **Decline of Foreign Trade**
- Trade with the west had greatly diminished after the fall of Roman empire.
- India lost an important market.
- Expansion of Arabs on the Northwest frontiers of India also led to decline of foreign trade.
- The fights amongst the Tibetans and Chinese also affected the flow of goods along the routes in Central Asia.
- Even the Western Coast of India suffered dislocation and disruption of sea trade.

Decay of Urban Settlements

- The phase was also marked by the decay and desertion of many towns.
- It is an important symbol of commercial decline
- As trade declined and the demand for craft goods slumped, the traders and craftsmen living in towns had to disperse to rural areas for alternative means of livelihood.
- Important towns like Vaishali, Patliputra, Varanasi, etc. decayed

Conclusion

The nature of commercial activity in the first phase of 7th to 12th century was such which catered more to the landed intermediaries and feudal lords rather than the masses.

Phase II(10th to 12th CE)

- This phase is marked by the revival of trade and commerce.
- It was also the period of agrarian expansion, increased use of money and the re-emergence of market economy, in which goods were produced for exchange rather than the local consumption.
- Also urban settlements grew in different parts of the country.
- Both food crops and commercial crops were grown.

- This widened the scope of both internal and external trade.

Crafts and industry

The growth of agricultural production was supplemented by increased craft production.

Coins and other media of exchange

- The revival of trade received considerable help from the re-emergence of metal money during this period.
- It stimulated the process of both regional and inter-regional exchange.
- Textile industry developed as a major economic activity.
- Kalinga and Multan were important centers of textile industry.
- Silk of Karnataka and Tamil Nadu was famous.
- Oil industry acquired great importance.
- From the 10th century onwards, we get references to cultivation of oilseeds.
- Besides sugar cultivation, jaggery was also cultivated.
- Metal and leather goods reached a great height of excellence.
- Iron was used to manufacture swords and spearheads.
- Gujrat was known for gold and copper embroidery.



- There are literary as well as inscriptional references to different types of coins.
- But all coins of the period were highly debased and reduced in weight.
- In the texts of the period, we find references to a device called "hundika" or the bill of exchange which might have been used by merchants for commercial transactions.



Hundika or the bill of exchange INLAND TRADE

(Commodities of trade and other consumers)

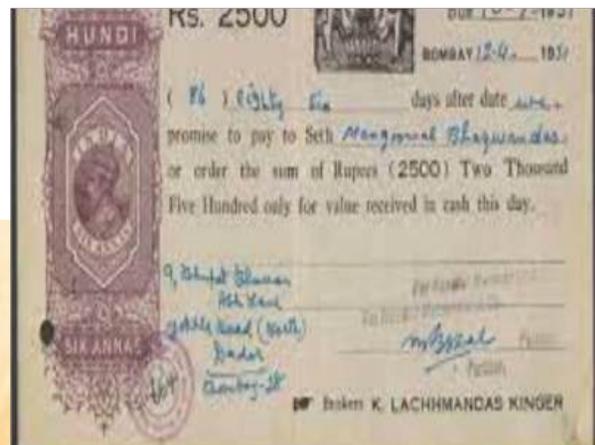
- There are numerous inscriptions which refer to merchants carrying food grains as well as commercial commodities, etc. like:
- Cotton fabrics, carpets, swords, spears, horses, elephants, jewellery.
- Chief customers: China, Arabia, Egypt, Europe.

Consumers

- A new class of consumers emerged as a result of large scale land grants from the 8th century onwards.
- The priests were now entitled to hereditary enjoyment of vast landed estates, benefices and rights
- They became important buyers of luxuries and necessities because of their better purchasing power.
- The Brahmanical and non Brahmanical religious establishments developed as important consumers of almost all marketable goods.
- This phenomenon was more good marked in south India where many temple sites became important commercial centers.

Trade routes and means of communication.

- A vast network of roads connected different ports, markets and towns with one another



and served as the channel of trade and commerce.

- Historians and travelers have mentioned about important trade routes and means of communication in their writings. For eg:
- Hsuan Tsang visited various towns and capitals from Kashmir in North to Kanchi in South and Assam in East to Sindh in West.
- Bilhana- tells us about his travels from Kashmir to Mathura.
- Alberuni mentions 15 routes which started from Kannauj, Mathura, Bayana, etc
- An inscription of 953 A.D refers to merchants from Karnataka, Madhya Pradesh, South Gujarat and Sindh coming to Rajasthan for mercantile activities.

Alberuni, Hsuan Tsang

- There were a number of routes along which trade and commerce were carried out.
- These routes played an important role



in opening the interior of India to the international sea trade which acquired a new dimension in the post 10th century.

- Besides roads, the rivers in the plains of Northern India and the sea route along the Eastern and Western coasts in South India also served as important means of inter-

-regional contacts.

- The rulers built new roads connect important ports and markets.
- Trade being an important source of revenue, political authorities had to be concerned about the safety and well being of traders and merchants.

Maritime Trade

- During this period, large scale trading activities were carried through sea.
- There was great expansion of sea trade between the two extremities of the Persian Gulf and South China.
- India lay midway between the two extremities and greatly benefitted from this trade.
- Asia trade was largely dominated by the Arabs.
- India exported teakwood to South Arabia, India was also known for its iron and steel products.
- The most significant item imported from the west was horse both by land and sea.
- Besides horses, dates, ivory, coral, emeralds, etc. were also brought to India from the West.

Conclusion

- Hence trade and commerce indicated the level of economic development of early medieval India.
- In the first phase there was a relative decline but it was revived in the second phase with huge amounts of exports and imports.

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~ Saptaparnaa Saha
5th Sem, Dept. of History

বর্ষা

লেজলে উচ্চ ইরহেকো শু'

১০ টি ১০ টির বিচারিক
বোর্ডের অধীনে বিচারিক
সিদ্ধান্ত দেওয়া হবে।
বিচারিক বোর্ডের
সিদ্ধান্তের বিরুদ্ধে
আপীল করা যাবে।
বিচারিক বোর্ডের
সিদ্ধান্তের বিরুদ্ধে
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সিদ্ধান্তের বিরুদ্ধে
আপীল করা যাবে।



**জীবিত জীবিত
কারবারে মুক্ত**
বিচারিক বোর্ডের
সিদ্ধান্তের বিরুদ্ধে
আপীল করা যাবে।
বিচারিক বোর্ডের
সিদ্ধান্তের বিরুদ্ধে
আপীল করা যাবে।

পূজোর মুখে ধর্মঘট ডেকোরেশনের

পূজোর মুখে ধর্মঘট
ডেকোরেশনের
বিচারিক বোর্ডের
সিদ্ধান্তের বিরুদ্ধে
আপীল করা যাবে।
বিচারিক বোর্ডের
সিদ্ধান্তের বিরুদ্ধে
আপীল করা যাবে।

উত্তর বঙ্গাল সেন্ট জেভিয়ার্স কলেজ কো মূল্যাংকন মেন্ মিলা বী প্লাস



১৫ সিস্টেম, সিলিগুড়ি। উত্তর বঙ্গাল
সেন্ট জেভিয়ার্স কলেজ
(এসবিএসএক্সসি) কো ভারত
রাজ্যিক মূল্যাংকন ও প্রত্যায়ন পরিষদ
(নেক) দ্বারা অর্পণ করা হয়েছে।
২০০৬ সালে
স্থাপিত এই কলেজ উত্তর বঙ্গাল
কো সবচেয়ে কম উন্নয়ন
প্রাপ্ত। নেক দ্বারা মূল্যাংকন
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প্রাপ্ত। নেক দ্বারা মূল্যাংকন
প্রাপ্ত।

এই কলেজের
সিদ্ধান্তের বিরুদ্ধে
আপীল করা যাবে।
বিচারিক বোর্ডের
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সিদ্ধান্তের বিরুদ্ধে
আপীল করা যাবে।

North Bengal St Xavier's College gets NAAC Grade B+ accreditation



**STATESMAN NEWS SERVICE
SHILIGURU, 14 SEPTEMBER**

The National Assessment and Accreditation Council (NAAC) of India has accredited North Bengal St Xavier's College (NBXSXC) at Rajganj in Jalpaiguri district with 'Grade B+' in its very first cycle.

Established in the year 2007, the college is the youngest in the north Bengal region to be assessed and accredited by the NAAC, according to college officials.

According to the Principal of the college, Fr (Dr) Lali P Tirkey, the Peer Team of the NAAC visited the college on 10 and 11 September to assess various academic and infra-structural facilities being provided to students and other beneficiaries, following which the certificate of accreditation was awarded.

"It is the hard work of the management, faculty, students and the staff that has resulted in the recognition. This grade has endorsed the education that we are imparting and our academic frameworks and policies that we have been practising since its inception. The college, affiliated to the University of North Bengal, has become the first one to get Grade B+ under the new framework of NAAC introduced in 2018," Fr Tirkey said today.

Prof (Dr) Ramesh Kumar Pandey, the former Vice-Chancellor of Ranchi University and the Chairperson of the NAAC Peer Team, observed that the college had been practicing the teaching-learning methodologies very efficiently and recommended enhancement of research facilities in the college. In the exit meeting, Dr Bipranish Kumar Tiwary, the IQAC Coordinator, thanked the management, faculty, staff and students for their contributions in this assessment and accreditation process, "Fr Tirkey added.

Fr Tirkey also assured the management that this was a stepping stone for academic excellence in the years to come.

"North Bengal St Xavier's College looks forward to producing many more luminaries in the academic and research fields in the future," he said.

ST. FRANCIS XAVIER PATRON SAINT OF THE COLLEGE



নিউজ ব্যুরো

এনআইটিসি অধ্যাপক অসমান ঘোষ
যথাক্রমে ১০ এবং ১১ জুন উপস্থিত
থেকে অনুষ্ঠান পরিচালনা করেন।
উদ্বোধনী অনুষ্ঠানে নর্থবঙ্গ সেন্ট
জেভিয়ার্স কলেজের অধ্যাপক ডঃ ললিত
পি তিরকে সকল অতিথি ও কর্মশালায়
যোগদানকারীদের স্বাগত জানান।
এছাড়া প্রধান অতিথি হিসেবে উপস্থিত
ছিলেন সূর্য সেন মহাবিদ্যালয়ের অধ্যাপক
ডঃ শ্রীধরকুমার মিশ্র। অনুষ্ঠানের
আহ্বায়ক সংযুক্ত মিত্র আগামীদিনে
এককম আরও কর্মসূচি আয়োজনের
বিষয়ে আগ্রহ প্রকাশ করেন।

লা। রাজগঞ্জ
আন্ত টাইম
শীর্ষক ওই
পক, গবেষক
বলে জানান
ক। কলকাতা
জেকে দাস,
পক অসমান
র অধ্যাপক
র গুণমান
। আহ্বায়ক
নিয়োছেন,
আয়োজন
বাদদাতা

Teachers, students attend int'l seminar on 'Partition'

STATESMAN NEWS SERVICE
SILIGURI, 2 JUNE

The department of English and the department of sociology of North Bengal St Xavier's College jointly organised a two-day International Seminar on May 30 and 31.

The theme of the seminar was "Revisiting Partition: Social Cultural and Literary Context(s)."

The keynote speakers and resource persons for the programme were Padma Shri Urvashi Butalia, a feminist writer, publisher and activist, Prof Sayeed Ferdous, Jahangirnagar University, Bangladesh, Prof Debjani Sengupta, Indraprastha College for Women, Delhi University, Prof Himadri Lahiri, University of Burdwan, Abhijit Majumdar, Siliguri College, and noted singer, writer and researcher Mousumi Bhowmik.

Prof Zinia Mitra And Prof Saswati Biswas from the University of North Bengal delivered special lectures in



"Teachers, scholars and students from different parts of India presented papers in the seminar.

The seminar not only delved deep in to the political aspects of a highly contested event, i.e. Partition, it also explored its literary, socio-cultural as well as emotional dimensions," an official of

puts at Rajganj near Siliguri and at Gurung Busty in Siliguri, said.

"This long-cherished seminar is our attempt to revisit the past in order to understand our present rap in memories and asense of loss," Fr Dr Lalit P Tirkey, SJ, Principal of the college and the patron of the seminar, said in his welcome

কলেজে সেমিনার

শিলিগুড়ি, ১ জুন : সেন্ট জেভিয়ার্স কলেজের ইংরেজি বিভাগ ও সোশিওলজি বিভাগ দু'দিনের একটি আন্তর্জাতিক সেমিনার করল। গত সোমবার ও মঙ্গলবার আয়োজিত সেমিনারের প্রধান বক্তা ছিলেন বাংলাদেশের জাহাঙ্গিরনগর বিশ্ববিদ্যালয়ের অধ্যাপক সৈয়দ ফেরদৌস। সেমিনারের শিরোনাম ছিল "বিতর্জিত পৃথিবী : সোশ্যাল কালচারাল আন্ড লিটারারি কনটেক্সট"। উপস্থিত ছিলেন পদ্মশ্রী উর্বশী বুটালিয়া, ডঃ দেবযানী সেনগুপ্ত, অধ্যাপক হিমাত্রি লাহিড়ি, অত্রিক্তং মজুমদার, গায়িকা মৌসুমি ভৌমিক প্রমুখ। সেমিনারে দেশের



বিভিন্ন প্রান্তের ৪৪ জন গবেষক তাঁদের গবেষণাপত্র পেশ করেন। কলেজের প্রিন্সিপাল ডঃ ললিত পি তিরকে বলেন, "এই সেমিনার গবেষকদের এ বিষয়ে কাজ করতে উদ্বুদ্ধ করবে।"

TENDER NOTICE
Director, North Bengal Wild Animals Park (Bengal Safari), Siliguri, invites bids for Various works at NBWAP (NIT)

N Bengal St Xavier's College marches in Siliguri peace rally

STATESMAN NEWS SERVICE
SILIGURI, 15 MARCH

North Bengal St Xavier's College organised a peace rally in the form of a silent candlelight procession in Siliguri yesterday.

According to the college, the rally aimed to spread the message of universal peace and brotherhood in this hour of global crisis following the Russia-Ukraine war.

The day's proceedings began at the Siliguri Campus of the North Bengal St Xavier's College with short, but impactful speeches delivered by the Principal, Fr Dr Lalit P Tirkey SJ, Chief Guest, IAS Srinivas Patil (SDO), and Fr John Wilfred Lobo SJ (Chairman of Darjeeling Jesuits of North



Bengal).

The rally started at 6 pm from the Siliguri Campus of the college at Upper Gurung Busty and entered Hill Cart Road near the Mahananda Bridge. It proceeded through Hospital Road (near Venus More) and ended at Bagha Jatin Park. After the rally, all the participants assembled at Bagha

Jatin Park, where the event drew to a close with a short speech and release of paper lanterns to the tune of choric songs. Besides some associates from other institutions, the staff, students, and alumni of North Bengal St Xavier's College wholeheartedly participated in the rally to make it a success, the college said.

যুদ্ধের বিরুদ্ধে

শিলিগুড়ি: 'যুদ্ধ নয়, শান্তি'র বার্তা দিতে পদযাত্রা করল নর্থ বেঙ্গল সেন্ট জেভিয়ার্স কলেজ। গত সোমবার শিলিগুড়ি প্রধানগর থেকে শুরু হয়ে বাঘাযতীন পার্কে এই পদযাত্রা শেষ হয়েছে। শিলিগুড়ি মহকুমাশাসক, কলেজের প্রিন্সিপাল এবং শতাধিক পড়ুয়া এই পদযাত্রায় হেঁটেছেন বলে কলেজের পক্ষ থেকে জানানো হয়েছে।

N Bengal St Xavier's College organises X-travaganza-2022



STATESMAN NEWS SERVICE
SILIGURI, 25 MARCH

North Bengal St Xavier's College celebrated its annual cultural programme, X-travaganza-2022, at its Rajganj Campus near Siliguri today.

The programme began with the college prayer song, followed by a dance performance by the students of the college. Siliguri Mayor Gautam Deb attended the event as the Chief Guest. In his speech, Mr Deb narrated his long association with the institution and appreciated the serenity of the institute's environment, which, he said was ideal for learning.

"Besides, he finds discipline in the college as extremely

commendable and affirms that the college can essentially be a centre for academic excellence in the near future," an official of the college said.

Addressing the gathering, Fr Dr Lalit P Tirkey, SJ, the Principal of the college, expressed his immense pleasure at the resumption of this event in the physical mode after two years of the pandemic.

The programme consisted of several competitive events, such as dance, songs, group events, flip flop, and many others.

Cultural Committee Convener Dr Soumya Mitra expressed her innate joy in organising such a colourful event with a group of talented students.



Students and teachers of North Bengal St Xavier's College organised a peace march on Monday in Siliguri to impart the message of universal peace and brotherhood in the wake of the Russian invasion of Ukraine. The rally commenced from the college campus and concluded at Bagha Jatin Park in the town.

This is how we are 'xpressed'...

Offline Technical Workshop on
Advanced Ethical Hacking and Cyber Security
 Jointly Organized by: ISOEH Siliguri & Department of Computer Science & Application And70AC
North Bengal St.Xavier's College

12th Apr NB St.Xavier's College
 11AM - 1PM E- Certificate

YOUR TRAINER
Mr. Sandeep Sengupta
 Director & CEO of ISOEH
 CISA, Certified Ethical Hacker, ISO:27001:2013 Lead Auditor, Lead Privacy auditor, GDPR Implementer

College Contact:
 Prof. Kamal Bahar Prasad
 (MO, USA, MSFC)
 Call : +91-9832404520

ISOEH Contact:
 Chandan Roy
 Call / Whatsapp : +91-9807392350
 Email : chandroyan@isoeh.com

ONE DAY WORKSHOP ON
History of North Bengal
Colonial to Post colonial era

Speakers are :
Prof. Madhab Adhikari
 Dean of Arts, Commerce and L
 Cooch Behar Panchanan Barma
 email : madhab.cbpub@gmail.com

Dr. Tahiti Sarkar
 Assistant Professor
 Dept. of History
 North Bengal University
 email : tahiti.sarkar@gmail.com

Dr. Sujit Ghosh
 Principal of Siliguri Co
 email : principal_silical@gn
 SiliguriCollege2014@gmail.com

Organized by
Department of History
North Bengal St. Xavier's College
Rajganj

Date : 30th April, 2022
 Conference Hall

The Keynote Speakers and Resource Persons

Urvashi Butalia
 An award-winning
 Indian Feminist Writer,
 Publisher and Activist

Prof. Sayeed Ferdous
 Professor
 Department of Anthropology,
 Jahangirnagar University,
 Bangladesh.

Prof. Himadri Lahiri
 Retired Professor
 Department of English,
 University of Burdwan
 Professor of English
 School of Humanities
 Netaji Subhas Open University

Dr. Debjani Sengupta
 Associate Professor
 Department of English,
 Indraprastha College for Women,
 University of Delhi.

Prof. Saswati Biswas
 Professor
 Department of Sociology,
 University of North Bengal.

Prof. Zinia Mitra
 Professor & Head
 Department of English,
 University of North Bengal
 Director

North Bengal St. Xavier's College
 A Jesuit Institution
 Accredited with 'B+' by NAAC (1st Cycle)

A Two-Day International Seminar
 on
'Revisiting Partition: Social, Cultural and Literary Context(s)'

Jointly organised by:
The Department of English & The Department of Sociology

30th & 31st of May, 2022

X-ISTENCE
 NBSXC
Poster Competition on
Earth Day Celebrations
 Topic: Plastic Pollution

Date: 5th May, 2022, Time: 11a.m - 1p.m

Shri Badal Debnath, WBFS,
Chief Guest Director of NBWAP(Bengal Safari),
 Retired Deputy Conservator of Forest

RULES
 Students must form groups to participate
 One group should have 2-4 members
 Posters should at least be 80% handmade

Participants can submit their names to the following faculties
 Science: Ms. Barsha Dey (Dept of Microbiology)
 Humanities : Ms. Karma Diki Bhutia (Dept of English)
 Commerce (both B.A and B.Com)

NORTH BENGLAL ST. XAVIER'S COLLEGE
 Affiliated to the University of North Bengal, Accredited with B+ by NAAC (1st Cycle)

A Two-Day Workshop on
'Insight to Microbiology & its Inter-disciplinary fields'
 Date: 11-12th May 2022

Convener
Dr. Bipransh Kumar Tiwary
 (HOD, Dept. of Microbiology)

Joint-conveners
Ms. Nitya Rai
Ms. Barsha Dey
Dr. Deepika Mazumdar

Organized by
Department of Microbiology
 North Bengal St. Xavier's College, Rajganj - 735134, West Bengal, India.
 Website- nbxc.org

ANNUAL BOOK FAIR 2022

NORTH BENGLAL ST. XAVIER'S COLLEGE
 Date: May 12 & 13 | Time: 9 AM-3 PM

:- List of schedule :-
 Book exhibition cum Sale | Book donation drive
 Announcement of Best user of library

ALL ARE MOST WELCOME
 friend as loyal as a book"
 - Ernest Hemingway

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- TEACHING** - one must be a graduate of paper management and so on.
- RESEARCH** - one must be a research work related to the field.
- TELEVISION** - primary, secondary, higher secondary in Schools, Colleges, Universities.
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- Student-centric and value-integrated learning approach.
- Opportunities to participate in various departmental activities like seminars, special lectures, excursions, field visits, etc. for the students who.
- Visit to the various historical places through study tour for projects.
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Sociology

The Study of the World around us

CAREER IN Sociology

Sociology focuses on the study of human behaviour and social interaction to understand how societies are organized, develop and change. The subject matter of sociology ranges from the intimate family to the nation state, from organized crime to religious cults, from the division of class, gender and social class to the shared beliefs of a common culture, and from the sociology of work to the sociology of sports.

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- Business and Industry:** Advertising, Consumer and Market Research, Management of Non-profit Organizations, Human Resources, Training and Human Development.
- Research and Planning:** Governmental and Regional planning departments, Research firms, Evaluation research, Public opinion research.
- Agencies:** Social Services, Mental Health Services, Adoption, Child Care, Youth Services, Developmental Disability Services, Non-Governmental organizations.

Academic achievement of department of NORTH BENGAL ST. XAVIER'S COLLEGE in last 11 years:
University Topper (U.G level) - 9 times
100% success rate in final university examination last year.

DEPARTMENT OF **Sociology** NBSXC

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DEPARTMENT OF ENGLISH (NBSXC, RAJGANJ)

WELCOME TO THE DEPARTMENT OF ENGLISH (NBSXC, RAJGANJ)

The Department of English, North Bengal St. Xavier's College, Rajganj offers:

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THE CAREER PROSPECTS after completing an Undergraduate Course in English (Hons.) include:

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- Career in Mass Communication and Journalism including positions like Freelance, Staff Reporter, Media Analyst, Marketing Researcher, etc.
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VENUE- NBSXC, RAJGANJ CAMPUS
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Rice, Siliguri Sign up a MOU with North Bengal St. Xavier's College.



Sitting : Samar Chakraborty, Soumya Mitra, Pavanbir Kaur, Persis Mukhia, Kamal K. Prasad, Partho Sarathi Dutta, Tamal Mazumder, Bipransh Kr. Tiwary, Fr. Dr. Lalit P. Tirkey S.J., Fr. Bijay K. Kindo S.J., Fr. Deven D. Yonzon S.J., Sanjukta Mitra, Aparna Chatterjee, Sourish Das Gupta, Asim Mitra, Priyanka Chakraborty, Chandrani Choudhuri.
 Standing (1st Row) : Nitya Rai, Payel Mitra, Barsha Dey, Shreya Majumdar, Deepika Mazumdar, Rosemary Subba, Payel Dey, Priyanka Chowdhury, Sumita Roy Choudhury, Ambika Chettri, Karma Diki Bhutia, Shradha Rai, Payel Paul, Payel Saha, Ananya Das.
 Standing (2nd Row) : Subham Mandal, Rajarshi Bagchi, Rahul Sharma, Baidurya Biswas, Saikat Roy, Abhinav Felix Mini, Subhash K. Gupta, Sekh Raunak Mondal, Sagar Sharma, Jagannath Mukherjee, Aritra Kundu, Tanmay Mukhopadhyay, Soumyadip Ghosh, Khiraj Chhetri, Jackson Gurung.